

5 Power Modules

NOTICE

- Power modules in a chassis must have the same power and same heat dissipation mode.
- The power modules cannot be used with those of other models.
- +48 V DC and -48 V DC power modules cannot be used together with 336 V HVDC power modules.
- A switch must use the power modules it supports. Using unsupported power modules may bring unknown risks to the switch.
- When two power modules work in 1+1 backup mode, you can hot swap one of them.
- If only one power module is installed, install a filler panel in the vacant power module slot.
- Before powering off a switch, turn off both power modules.
- If a power module has not been used for two years, contact Huawei engineers to evaluate risks before using it again.

[5.1 PAC1K2S12-CB \(1200W AC&240V DC Power Module \(Power panel side exhaust\)\)](#)

[5.2 PAC1K2S12-CF \(1200W AC&240V DC Power Module \(Power panel side intake\)\)](#)

[5.3 PAC1K2S12-PB \(1200W AC&240V DC Power Module \(Power panel side exhaust\)\)](#)

[5.4 PAC1K2S12-PF \(1200W AC&240V DC Power Module \(Power panel side intake\)\)](#)

[5.5 PAC1K8S12-PF \(1800 W AC&240 V DC Power Module \(Power panel side intake\)\)](#)

[5.6 PAC2KS12-PB \(2000 W AC&240 V DC Power Module \(Power panel side exhaust\)\)](#)

[5.7 PAC600S12-CB \(600W AC Power Module\(Power panel side exhaust\)\)](#)

[5.8 PAC600S12-CF \(600W AC Power Module\(Power panel side intake\)\)](#)

- 5.9 PAC600S12-DB (600W AC Power Module(Power panel side exhaust))
- 5.10 PAC600S12-DF (600W AC Power Module(Power panel side intake))
- 5.11 PAC600S12-EB (600W AC Power Module(Power panel side exhaust))
- 5.12 PAC600S12-EF (600W AC Power Module(Power panel side intake))
- 5.13 PAC600S12-PB (600W AC & 240V DC Power Module(Power panel side exhaust))
- 5.14 PAC600S12-PF (600W AC & 240V DC Power Module(Power panel side intake))
- 5.15 PDC1000S12-DB (1000W DC Power Module (Power panel side exhaust))
- 5.16 PDC1000S12-DF (1000W DC Power Module (Power panel side intake))
- 5.17 PDC1K2S12-CE (1200W DC Power Module (Power panel side exhaust))
- 5.18 PDC1K2S12-DB (1200W DC Power Module (Power panel side exhaust))
- 5.19 PDC1K2S12-DF (1200W DC Power Module (Power panel side intake))
- 5.20 PDC1K2S12-PB (1200W DC Power Module (Power panel side intake))
- 5.21 PDC2K2S12-PB (2200W DC Power Module (Power panel side exhaust))
- 5.22 PDC2K2S12-PF (2200W DC Power Module (Power panel side intake))
- 5.23 PDC400S12-CB (400W DC Power Module (Power panel side exhaust))
- 5.24 PDC400S12-CF (400W DC Power Module (Power panel side intake))
- 5.25 PHD1K2S12-DB (1200W HVDC Power Module (Power panel side exhaust))
- 5.26 PHD2KS12-PB (2000W HVDC Power Module (Power panel side exhaust))

5.1 PAC1K2S12-CB (1200W AC&240V DC Power Module (Power panel side exhaust))

Overview

Table 5-1 Basic information about the PAC1K2S12-CB

Item	Details
Description	1200W AC&240V DC Power Module (Power panel side exhaust)
Part Number	02312VLE
Model	PAC1K2S12-CB

Item	Details
Remarks	When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-1 Appearance of the PAC1K2S12-CB



Version Mapping

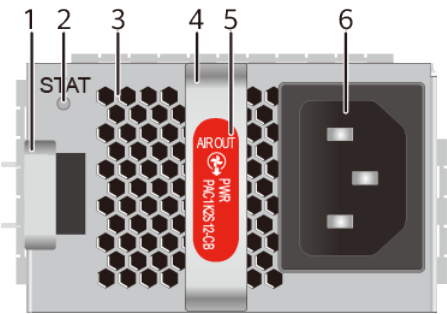
Table 5-2 Mappings between PAC1K2S12-CB and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 8800	CE8850-HAM (02354WB D)	V300R022C 00	-	-	-
CloudEngin e 8800	CE8850-HAM (02354WB E)	V300R022C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8850-HAM (02354WBF)	V300R022C00	-	-	-
CloudEngine 8800	CE8850-SAN (02354FPQ)	V300R020C10SPC200	-	-	-
CloudEngine 8800	CE8850-SAN (02354FPS)	V300R020C10SPC200	-	-	-
CloudEngine 8800	CE8850-SAN (02354FPT)	V300R020C10SPC200	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-K (02353PJQ)	V300R020C00	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-K (02353PJR)	V300R020C00	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-P (02353EGP)	V300R020C00	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-P (02353EGQ)	V300R020C00	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-P (02353EGR)	V300R020C00	-	-	-

Panel

Figure 5-2 Panel of the PAC1K2S12-CB



1. Lock	2. Indicator	3. Air vent	4. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.
5. Airflow flag AIR OUT  • : power panel side exhaust AIR IN  • : power panel side intake	6. Power socket	-	-

Table 5-3 Indicators on the PAC1K2S12-CB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Off	The power module receives no power input.

Silkscreen	Name	Color	Status	Description
		Green	Steady on	The power module is working normally.
		Green	Blinking	The power module is in loading or standby state, or the power cable has been connected but the power module is not installed in the switch.
		Red	Steady on	Fans of the power module fail. The power module is in overtemperature protection state. The power input is abnormal (input undervoltage or input overvoltage). The power output is abnormal (output overcurrent, output short-circuit, or output overvoltage).

Table 5-4 Ports on the PAC1K2S12-CB

Port	Description
Power cable port	C13 power socket

Functions and Features

Table 5-5 Functions and features of the PAC1K2S12-CB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In either of the two protection states, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-6 Technical specifications of the PAC1K2S12-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 374.0 mm (1.56 in. x 2.6 in. x 14.72 in.)
Weight without packaging [kg (lb)]	1.5 kg (3.31 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	100 V AC to 130 V AC; 50/60 Hz 200 V AC to 240 V AC; 50/60 Hz 240 V DC
Input voltage range [V]	AC: 90–290 V AC; 47–63 Hz High-voltage DC: 190 V DC to 290 V DC
Rated input current [A]	10 A (100-130 V AC); 8 A (200-240 V AC); 8 A (240 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	67 A (100-130 V AC); 100 A (200-240 V AC); 100 A (240 V DC)
Rated output power [W]	800 W (100 V AC to 130 V AC) 1200 W (200 V AC to 240 V AC) 1200 W (240 V DC)

5.2 PAC1K2S12-CF (1200W AC&240V DC Power Module (Power panel side intake))

Overview

Table 5-7 Basic information about the PAC1K2S12-CF

Item	Details
Description	1200W AC&240V DC Power Module (Power panel side intake)
Part Number	02312VLF
Model	PAC1K2S12-CF
Remarks	When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-3 Appearance of the PAC1K2S12-CF



Version Mapping

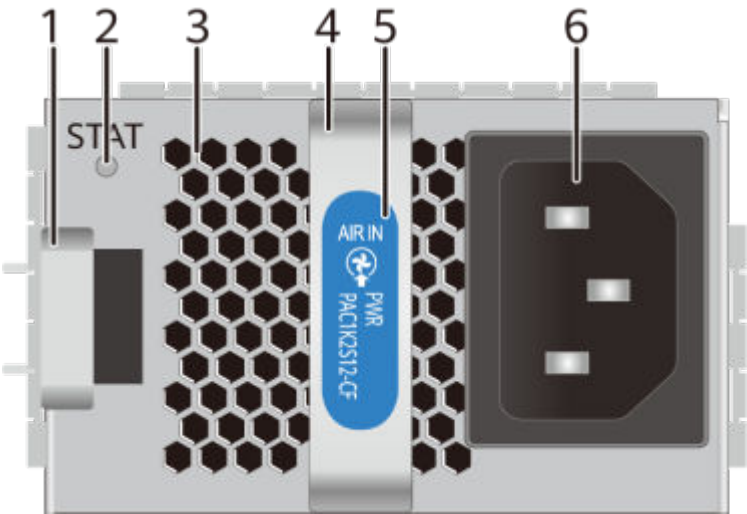
Table 5-8 Mappings between PAC1K2S12-CF and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8850-HAM (02354WB D)	V300R022C00	-	-	-
CloudEngine 8800	CE8850-HAM (02354WB E)	V300R022C00	-	-	-
CloudEngine 8800	CE8850-HAM (02354WB F)	V300R022C00	-	-	-
CloudEngine 8800	CE8850-SAN (02354FPQ)	V300R020C10SPC200	-	-	-
CloudEngine 8800	CE8850-SAN (02354FPS)	V300R020C10SPC200	-	-	-
CloudEngine 8800	CE8850-SAN (02354FPT)	V300R020C10SPC200	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-K (02353PJQ)	V300R020C00	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-K (02353PJR)	V300R020C00	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-P (02353EGP)	V300R020C00	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-P (02353EGQ)	V300R020C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 8800	CE8851-32 CQ8DQ-P (02353EGR)	V300R020C 00	-	-	-

Panel

Figure 5-4 Panel of the PAC1K2S12-CF



1. Lock	2. Indicator	3. Air vent	4. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.
---------	--------------	-------------	---

5. Airflow flag	6. Power socket	-	-
 • : power panel side exhaust  • : power panel side intake			

Table 5-9 Indicators on the PAC1K2S12-CF

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Off	The power module receives no power input.
		Green	Steady on	The power module is working normally.
		Green	Blinking	The power module is in loading or standby state, or the power cable has been connected but the power module is not installed in the switch.

Silkscreen	Name	Color	Status	Description
		Red	Steady on	Fans of the power module fail. The power module is in overtemperature protection state. The power input is abnormal (input undervoltage or input overvoltage). The power output is abnormal (output overcurrent, output short-circuit, or output overvoltage).

Table 5-10 Ports on the PAC1K2S12-CF

Port	Description
Power cable port	C13 power socket

Functions and Features

Table 5-11 Functions and features of the PAC1K2S12-CF

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In either of the two protection states, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.

Functions and Features	Description
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air intake from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-12 Technical specifications of the PAC1K2S12-CF

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 374.0 mm (1.56 in. x 2.6 in. x 14.72 in.)
Weight without packaging [kg (lb)]	1.5 kg (3.31 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	100 V AC to 130 V AC; 50/60 Hz 200 V AC to 240 V AC; 50/60 Hz 240 V DC
Input voltage range [V]	AC: 90–290 V AC; 47–63 Hz High-voltage DC: 188 V DC to 290 V DC
Rated input current [A]	10 A (100-130 V AC); 8 A (200-240 V AC); 8 A (240 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	67 A (100-130 V AC); 100 A (200-240 V AC); 100 A (240 V DC)
Rated output power [W]	800 W (100 V AC to 130 V AC) 1200 W (200 V AC to 240 V AC) 1200 W (240 V DC)

5.3 PAC1K2S12-PB (1200W AC&240V DC Power Module (Power panel side exhaust))

Overview

Table 5-13 Basic information about the PAC1K2S12-PB

Item	Details
Description	1200W AC&240V DC Power Module (Power panel side exhaust)
Part Number	02313NYX
Model	PAC1K2S12-PB

Item	Details
Remarks	1. When a power module enters overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when the temperature falls within the normal range. 2. It is recommended that one front-end circuit breaker be configured for each power module. If circuit breakers of a level lower than C25 are used, one circuit breaker must be configured for each power module. If one circuit breaker needs to connect to multiple power modules, a circuit breaker of C25 or a higher level must be used.

Appearance

Figure 5-5 Appearance of the PAC1K2S12-PB



Version Mapping

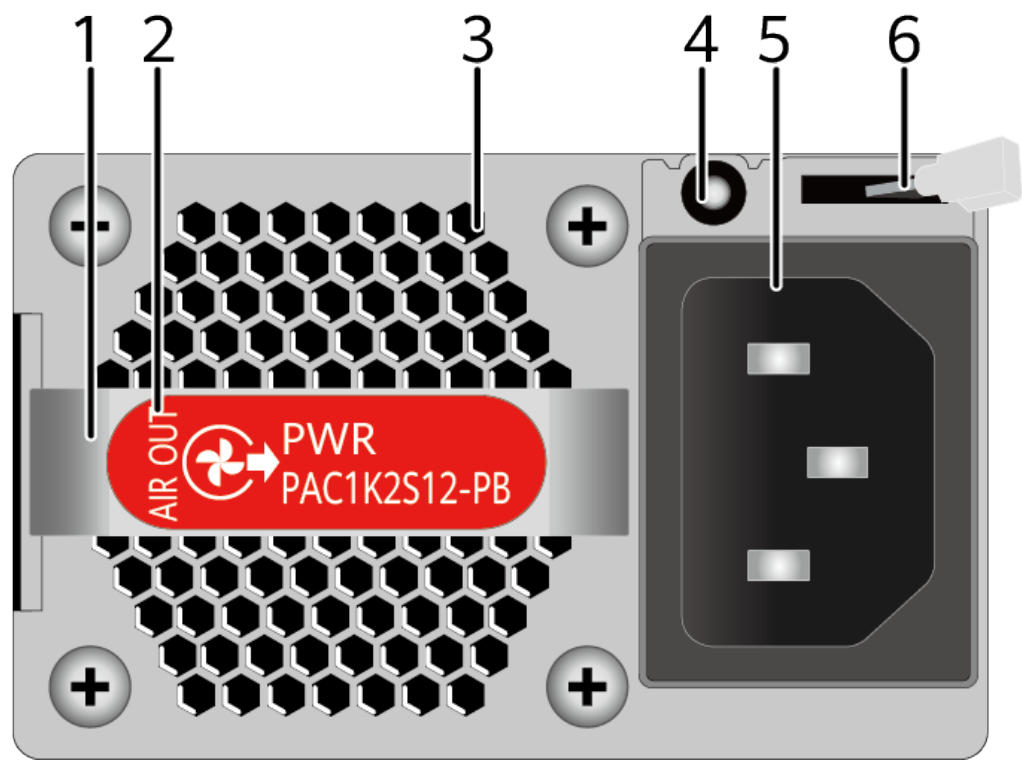
Table 5-14 Mappings between PAC1K2S12-PB and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8855-32 CQ4BQ (02355KUD)	V300R023C00	-	-	-
CloudEngine 8800	CE8855-32 CQ4BQ (02355KUD-001)	V300R023C10	-	-	-
CloudEngine 8800	CE8855-32 CQ4BQ (02355KUE)	V300R023C00	-	-	-
CloudEngine 8800	CE8855-32 CQ4BQ (02355KUE-001)	V300R023C10	-	-	-
CloudEngine 8800	CE8855-32 CQ4BQ (02355KUF)	V300R023C00	-	-	-
CloudEngine 8800	CE8855-32 CQ4BQ (02355KUF-001)	V300R023C10	-	-	-
CloudEngine 8800	CE8855-48 CD8DQ (02357FQP)	V300R025C10	-	-	-
CloudEngine 8800	CE8855-48 CD8DQ (02357FQS)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-3 2CQ8DQ (02356WNL)	V300R025C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 8800	CE8855H-3 2CQ8DQ (02356WN M)	V300R025C 00	-	-	-
CloudEngin e 8800	CE8855H-3 2CQ8DQ (02356WN N)	V300R025C 00	-	-	-
CloudEngin e 8800	CE8855H-SAN-40F (02357GCX)	V300R025C 10	-	-	-
CloudEngin e 8800	CE8855H-SAN-40F (02357GCV)	V300R025C 10	-	-	-
CloudEngin e 8800	CE8855H-SAN-40F (02357GDA)	V300R025C 10	-	-	-
CloudEngin e 8800	CE8875-24 BQ8DQ (02355SDV)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8875-24 BQ8DQ (02355SDX)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8875-24 BQ8DQ (02355SDY)	V300R023C 10	-	-	-
CloudEngin e 9800	CE9866-64 DQ (02357FQM)	V300R025C 10	-	-	-
CloudEngin e 9800	CE9866-64 DQ (02357FQN)	V300R025C 10	-	-	-

Panel

Figure 5-6 Panel of the PAC1K2S12-PB



1. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag AIR OUT • : power panel side exhaust AIR IN • : power panel side intake	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

Table 5-15 Indicators on the PAC1K2S12-PB

Silkscreen	Name	Color	Status	Description
-	Running status indicator	Green	Steady off	The power input is abnormal (for example, no input or undervoltage) , or the power output is abnormal (for example, overvoltage or undervoltage) .
		Green	Steady on	The power module is working properly.
		Green	Blinking (4 Hz)	Online loading

Table 5-16 Ports on the PAC1K2S12-PB

Port	Description
Power cable port	C13 power cable port

Functions and Features

Table 5-17 Functions and features of the PAC1K2S12-PB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.

Functions and Features	Description
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-18 Technical specifications of the PAC1K2S12-PB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215.0 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	0.844 kg (lb)
Number of inputs	1

Item	Specification
Number of outputs	1
Rated input voltage [V]	200 V AC to 240 V AC; 50/60 Hz 100 V AC to 130 V AC; 50/60 Hz 240 V DC
Input voltage range [V]	AC: 90–290 V AC; 45–65 Hz High-voltage DC: 190 V DC to 290 V DC
Rated input current [A]	8 A (200 V AC to 240 V AC); 10 A (100 V AC to 130 V AC); 8 A (240 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	100A
Rated output power [W]	1200 W

5.4 PAC1K2S12-PF (1200W AC&240V DC Power Module (Power panel side intake))

Overview

Table 5-19 Basic information about the PAC1K2S12-PF

Item	Details
Description	1200W AC&240V DC Power Module (Power panel side intake)
Part Number	02313PAA
Model	PAC1K2S12-PF

Item	Details
Remarks	1. When a power module enters overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when the temperature falls within the normal range. 2. It is recommended that one front-end circuit breaker be configured for each power module. If circuit breakers of a level lower than C25 are used, one circuit breaker must be configured for each power module. If one circuit breaker needs to connect to multiple power modules, a circuit breaker of C25 or a higher level must be used.

Appearance

Figure 5-7 Appearance of the PAC1K2S12-PF



Version Mapping

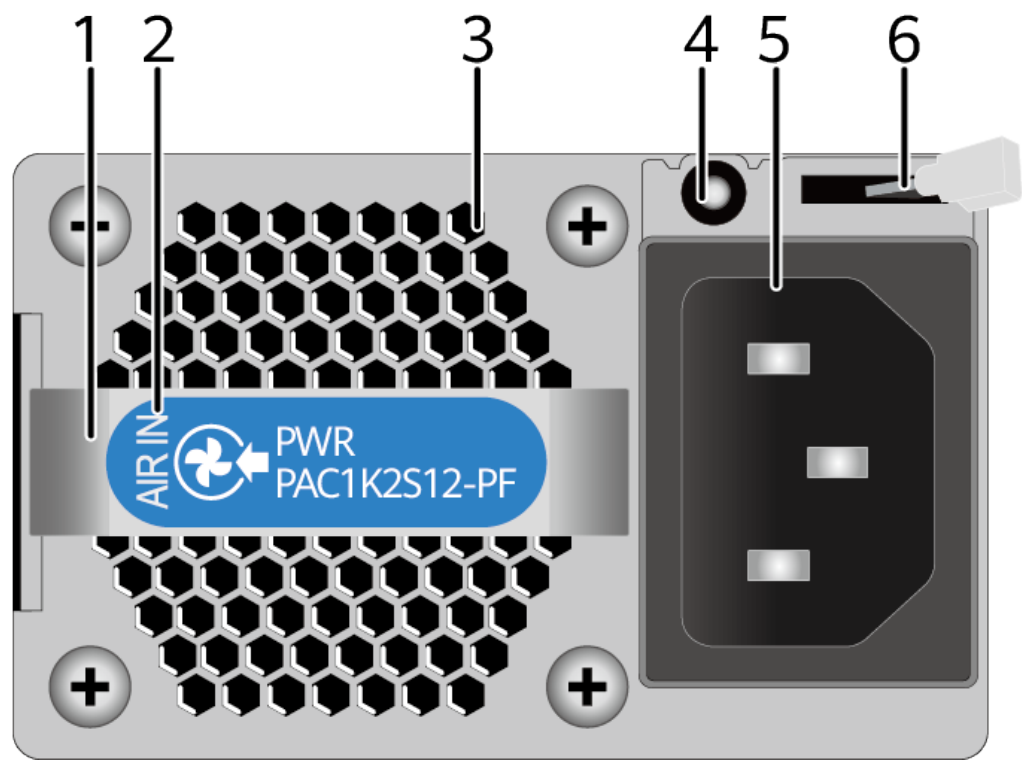
Table 5-20 Mappings between PAC1K2S12-PF and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8855-32 CQ4BQ (02355KUD)	V300R023C00	-	-	-
CloudEngine 8800	CE8855-32 CQ4BQ (02355KUD-001)	V300R023C10	-	-	-
CloudEngine 8800	CE8855-32 CQ4BQ (02355KUE)	V300R023C00	-	-	-
CloudEngine 8800	CE8855-32 CQ4BQ (02355KUE-001)	V300R023C10	-	-	-
CloudEngine 8800	CE8855-32 CQ4BQ (02355KUF)	V300R023C00	-	-	-
CloudEngine 8800	CE8855-32 CQ4BQ (02355KUF-001)	V300R023C10	-	-	-
CloudEngine 8800	CE8855H-3 2CQ8DQ (02356WNL)	V300R025C00	-	-	-
CloudEngine 8800	CE8855H-3 2CQ8DQ (02356WNM)	V300R025C00	-	-	-
CloudEngine 8800	CE8855H-3 2CQ8DQ (02356WNN)	V300R025C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8855H-SAN-40F (02357GCX)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-SAN-40F (02357GCY)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-SAN-40F (02357GDA)	V300R025C10	-	-	-
CloudEngine 8800	CE8875-24 BQ8DQ (02355SDV)	V300R023C10	-	-	-
CloudEngine 8800	CE8875-24 BQ8DQ (02355SDX)	V300R023C10	-	-	-
CloudEngine 8800	CE8875-24 BQ8DQ (02355SDY)	V300R023C10	-	-	-

Panel

Figure 5-8 Panel of the PAC1K2S12-PF



1. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag AIR OUT : power panel side exhaust AIR IN : power panel side intake	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

Table 5-21 Indicators on the PAC1K2S12-PF

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady off	The power input is abnormal (for example, no input or undervoltage) , or the power output is abnormal (for example, overvoltage or undervoltage) .
		Green	Steady on	The power module is working properly.
		Green	Blinking (4 Hz)	Online loading

Table 5-22 Ports on the PAC1K2S12-PF

Port	Description
Power cable port	C13 power cable port

Functions and Features

Table 5-23 Functions and features of the PAC1K2S12-PF

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.

Functions and Features	Description
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air intake from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-24 Technical specifications of the PAC1K2S12-PF

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215.0 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	0.844 kg (lb)
Number of inputs	1

Item	Specification
Number of outputs	1
Rated input voltage [V]	200 V AC to 240 V AC; 50/60 Hz 100 V AC to 130 V AC; 50/60 Hz 240 V DC
Input voltage range [V]	AC: 90–290 V AC; 45–65 Hz High-voltage DC: 190 V DC to 290 V DC
Rated input current [A]	8 A (200 V AC to 240 V AC); 10 A (100 V AC to 130 V AC); 8 A (240 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	100A
Rated output power [W]	1200 W

5.5 PAC1K8S12-PF (1800 W AC&240 V DC Power Module (Power panel side intake))

Overview

Table 5-25 Basic information about the PAC1K8S12-PF

Item	Details
Description	1800 W AC&240 V DC Power Module (Power panel side intake)
Part Number	02314LFS
Model	PAC1K8S12-PF

Item	Details
Remarks	1. When a power module enters overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when the temperature falls within the normal range. 2. It is recommended that one front-end circuit breaker be configured for each power module. If circuit breakers of a level lower than C32 are used, one circuit breaker must be configured for each power module. If one circuit breaker needs to connect to multiple power modules, a circuit breaker of C32 or a higher level must be used.

Appearance

Figure 5-9 Appearance of the PAC1K8S12-PF



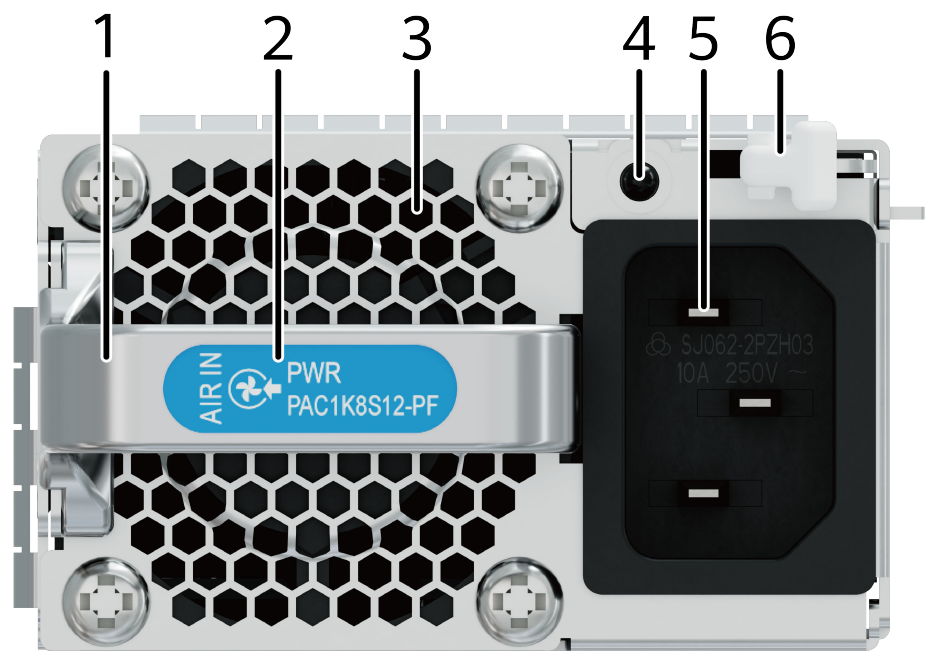
Version Mapping

Table 5-26 Mappings between PAC1K8S12-PF and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 8800	CE8865-4C (02355RTA)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8865-4C (02355RTB)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8865-4C (02355RTC)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8865-SAN-4C (02355SDP)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8865-SAN-4C (02355SDQ)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8865-SAN-4C (02355SDR)	V300R023C 10	-	-	-

Panel

Figure 5-10 Panel of the PAC1K8S12-PF



1. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag AIR OUT • : power panel side exhaust AIR IN • : power panel side intake	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

Table 5-27 Indicators on the PAC1K8S12-PF

Silkscreen	Name	Color	Status	Description
-	Power indicator	Green	Steady off	1. The power input is abnormal or there is no power input. 2. The power module is faulty or power protection is triggered.
		Green	Steady on	The power module is working properly.
		Green	Blinking	Online loading

Table 5-28 Ports on the PAC1K8S12-PF

Port	Description
Power cable port	C13 power cable port

Functions and Features

Table 5-29 Functions and features of the PAC1K8S12-PF

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module cannot automatically resume power supply.

Functions and Features	Description
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module cannot automatically resume power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module cannot automatically resume power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air intake from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-30 Technical specifications of the PAC1K8S12-PF

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215.0 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1 kg (2.20 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	100 V AC to 130 V AC; 50/60 Hz 200 V AC to 240 V AC; 50/60 Hz 240 V DC

Item	Specification
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz to 66 Hz 190 V DC to 290 V DC
Rated input current [A]	10 A (100 V AC to 130 V AC) 10 A (200 V AC to 240 V AC) 10 A (240 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	150 A (200 V AC to 240 V AC&240 V DC) 75 A (100 V AC to 130 V AC)
Rated output power [W]	1800 W (200 V AC to 240 V AC&240 V DC) 900 W (100 V AC to 130 V AC)

5.6 PAC2KS12-PB (2000 W AC&240 V DC Power Module (Power panel side exhaust))

Overview

Table 5-31 Basic information about the PAC2KS12-PB

Item	Details
Description	2000 W AC&240 V DC Power Module (Power panel side exhaust)
Part Number	02314LFR
Model	PAC2KS12-PB

Item	Details
Remarks	1. When a power module enters overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when the temperature falls within the normal range. 2. It is recommended that one front-end circuit breaker be configured for each power module. If circuit breakers of a level lower than C32 are used, one circuit breaker must be configured for each power module. If one circuit breaker needs to connect to multiple power modules, a circuit breaker of C32 or a higher level must be used.

Appearance

Figure 5-11 Appearance of the PAC2KS12-PB



Version Mapping

Table 5-32 Mappings between PAC2KS12-PB and product models

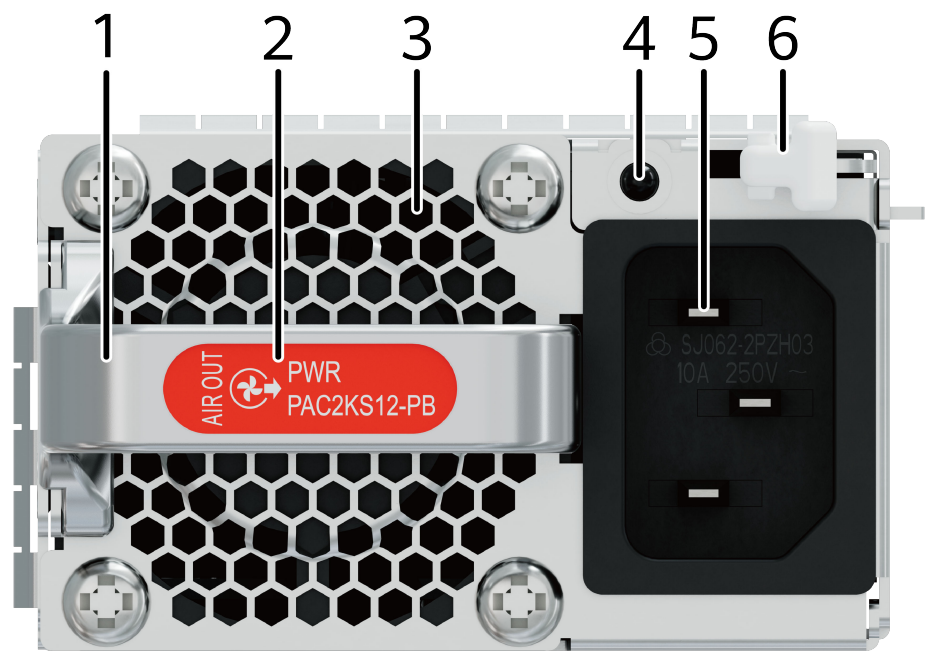
Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8855-48 CD8DQ (02357FQP)	V300R025C10	-	-	-
CloudEngine 8800	CE8855-48 CD8DQ (02357FQS)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-3 2CQ8DQ (02356WNL)	V300R025C00	-	-	-
CloudEngine 8800	CE8855H-3 2CQ8DQ (02356WNM)	V300R025C00	-	-	-
CloudEngine 8800	CE8855H-3 2CQ8DQ (02356WNN)	V300R025C00	-	-	-
CloudEngine 8800	CE8855H-SAN-40F (02357GCX)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-SAN-40F (02357GCY)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-SAN-40F (02357GDA)	V300R025C10	-	-	-
CloudEngine 8800	CE8865-4C (02355RTA)	V300R023C10	-	-	-
CloudEngine 8800	CE8865-4C (02355RTB)	V300R023C10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8865-4C (02355RTC)	V300R023C10	-	-	-
CloudEngine 8800	CE8865-SAN-4C (02355SDP)	V300R023C10	-	-	-
CloudEngine 8800	CE8865-SAN-4C (02355SDQ)	V300R023C10	-	-	-
CloudEngine 8800	CE8865-SAN-4C (02355SDR)	V300R023C10	-	-	-
CloudEngine 9800	CE9855-32 DQ (02355YSE)	V300R023C11	-	-	-
CloudEngine 9800	CE9855-32 DQ (02355YSF)	V300R023C11	-	-	-
CloudEngine 9800	CE9865-4C (02356BCE)	V300R024C00	-	-	-
CloudEngine 9800	CE9865-4C (02356BCF)	V300R024C00	-	-	-
CloudEngine 9800	CE9865-4C (02356BCJ)	V300R024C00	-	-	-
CloudEngine 9800	CE9865-4C (02356HYJ)	V300R024C00	-	-	-
CloudEngine 9800	CE9866-12 8DQ (02356KVS)	V300R024C11	-	-	-
CloudEngine 9800	CE9866-12 8DQ (02356KVT)	V300R024C11	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 9800	CE9866-12 8DQ-LC (02356KVX)	V300R025C10	-	-	-
CloudEngine 9800	CE9866-12 8DQ-LC (02356KVY)	V300R025C10	-	-	-
CloudEngine 9800	CE9866-64 DQ (02357FQM)	V300R025C10	-	-	-
CloudEngine 9800	CE9866-64 DQ (02357FQN)	V300R025C10	-	-	-
CloudEngine 9800	CE9875-12 8EO (02357MKW)	V300R025C10	-	-	-
CloudEngine 9800	CE9875-12 8EO (02357MNJ)	V300R025C10	-	-	-
CloudEngine 9800	CE9875-64 EO (02357DJM)	V300R025C00	-	-	-
CloudEngine 9800	CE9875-64 EO (02357GCU)	V300R025C00	-	-	-

Panel

Figure 5-12 Panel of the PAC2KS12-PB



1. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag AIR OUT • : power panel side exhaust AIR IN • : power panel side intake	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

Table 5-33 Indicators on the PAC2KS12-PB

Silkscreen	Name	Color	Status	Description
-	Power indicator	Green	Steady off	1. The power input is abnormal or there is no power input. 2. The power module is faulty or power protection is triggered.
		Green	Steady on	The power module is working properly.
		Green	Blinking	Online loading

Table 5-34 Ports on the PAC2KS12-PB

Port	Description
Power cable port	C13 power cable port

Functions and Features

Table 5-35 Functions and features of the PAC2KS12-PB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module cannot automatically resume power supply.

Functions and Features	Description
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module cannot automatically resume power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module cannot automatically resume power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-36 Technical specifications of the PAC2KS12-PB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215.0 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1 kg (2.20 lb)
Number of inputs	1
Number of outputs	1

Item	Specification
Rated input voltage [V]	100 V AC to 130 V AC; 50/60 Hz 200 V AC to 220 V AC; 50/60 Hz 220 V AC to 240 V AC; 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz to 66 Hz 190 V DC to 290 V DC
Rated input current [A]	10 A (100 V AC to 130 V AC) 10 A (200 V AC to 220 V AC) 10 A (220 V AC to 240 V AC) 10 A (240 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	166.7 A (220 V AC to 240 V AC&240 V DC) 150 A (200 V AC to 220 V AC) 75 A (100 V AC to 130 V AC)
Rated output power [W]	2000 W (220 V AC to 240 V AC&240 V DC) 1800 W (200 V AC to 220 V AC) 900 W (100 V AC to 130 V AC)

5.7 PAC600S12-CB (600W AC Power Module(Power panel side exhaust))

Overview

Table 5-37 Basic information about the PAC600S12-CB

Item	Details
Description	600W AC Power Module(Power panel side exhaust)
Part Number	02312FFU
Model	PAC600S12-CB

Item	Details
Remarks	When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-13 Appearance of the PAC600S12-CB



Version Mapping

Table 5-38 Mappings between PAC600S12-CB and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6820H-4 8S6CQ (02354FTG)	V300R021C 00SPC100	-	-	-
CloudEngin e 6800	CE6820H-4 8S6CQ (02354FTG -002)	V300R022C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTG-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTK)	V300R021C00SPC100	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTK-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTK-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTL)	V300R021C00SPC100	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTL-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTE)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTF)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTG)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6820S-4 8S6CQ (02354WA W)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6820S-4 8S6CQ (02354WA X)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6820S-4 8S6CQ (02354WA Y)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- HAM (02354WB A)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- HAM (02354WB B)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- HAM (02354WB C)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPM)	V300R020C 10SPC200	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPM -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPN)	V300R020C 10SPC200	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPN -001)	V300R022C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6860-SAN (02354FPP)	V300R020C10SPC200	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPP-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-003)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTA)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTB)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTC)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJM)	V300R020C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJM-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJN)	V300R020C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJN-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL)	V300R020C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM)	V300R020C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN)	V300R020C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN-002)	V300R022C00	-	-	-

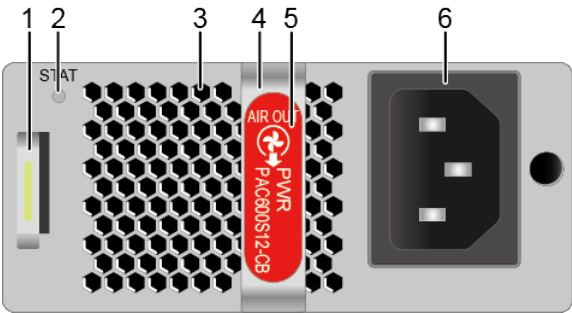
Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLV-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLW)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLW-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLY)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLY-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VSS)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VST)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VSU)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSW)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngine 6800	CE6881H-48T6CQ-K(02354VSX)	V300R022C00	-	-	-

Panel

Figure 5-14 Panel of the PAC600S12-CB



1. Lock	2. Indicator	3. Air vent	4. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.
5. Airflow flag  • : power panel side exhaust  • : power panel side intake	6. Power socket	-	-

Table 5-39 Indicators on the PAC600S12-CB

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady off	The input is abnormal (no power input or input undervoltage) , or the output is abnormal (overvoltage or undervoltage) .
		Green	Steady on	The power module is working properly.
		Green	Blinking	The output is abnormal (overcurrent or short circuit).

Table 5-40 Ports on the PAC600S12-CB

Port	Description
Power cable port	C13 power cable port

Functions and Features

Table 5-41 Functions and features of the PAC600S12-CB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.

Functions and Features	Description
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-42 Technical specifications of the PAC600S12-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 90.0 mm x 214.5 mm (1.56 in. x 3.54 in. x 8.44 in.)
Weight without packaging [kg (lb)]	0.94 kg (2.07 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC
Input voltage range [V]	AC: 90–290 V AC; 47–63 Hz High-voltage DC: 190 V DC to 290 V DC
Rated input current [A]	8 A (100 V AC to 240 V AC); 4 A (240 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W

5.8 PAC600S12-CF (600W AC Power Module(Power panel side intake))

Overview

Table 5-43 Basic information about the PAC600S12-CF

Item	Details
Description	600W AC Power Module(Power panel side intake)
Part Number	02312KNA
Model	PAC600S12-CF

Item	Details
Remarks	When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-15 Appearance of the PAC600S12-CF



Version Mapping

Table 5-44 Mappings between PAC600S12-CF and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6820H-4 8S6CQ (02354FTG)	V300R021C 00SPC100	-	-	-
CloudEngin e 6800	CE6820H-4 8S6CQ (02354FTG -002)	V300R022C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTG-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTK)	V300R021C00SPC100	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTK-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTK-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTL)	V300R021C00SPC100	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTL-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTE)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTF)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTG)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6820S-4 8S6CQ (02354WA W)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6820S-4 8S6CQ (02354WA X)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6820S-4 8S6CQ (02354WA Y)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- HAM (02354WB A)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- HAM (02354WB B)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- HAM (02354WB C)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPM)	V300R020C 10SPC200	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPM -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPN)	V300R020C 10SPC200	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPN -001)	V300R022C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6860-SAN (02354FPP)	V300R020C10SPC200	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPP-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-003)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTA)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTB)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTC)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJM)	V300R020C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJM-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJN)	V300R020C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJN-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL)	V300R020C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM)	V300R020C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN)	V300R020C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN-002)	V300R022C00	-	-	-

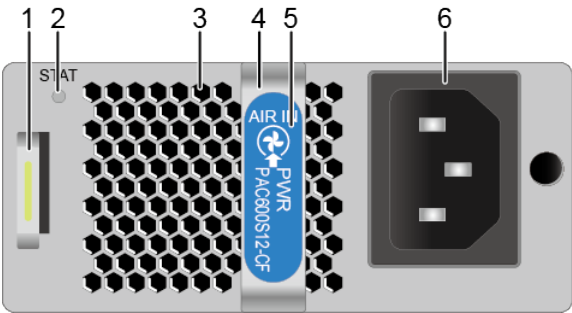
Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLV-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLW)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLW-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLY)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLY-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VSS)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VST)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VSU)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSW)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngine 6800	CE6881H-48T6CQ-K(02354VSX)	V300R022C00	-	-	-

Panel

Figure 5-16 Panel of the PAC600S12-CF



1. Lock	2. Indicator	3. Air vent	4. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.
5. Airflow flag  • : power panel side exhaust  • : power panel side intake	6. Power socket	-	-

Table 5-45 Indicators on the PAC600S12-CF

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady off	The power input is abnormal (for example, no input or undervoltage) , or the power output is abnormal (for example, overvoltage or undervoltage) .
		Green	Steady on	The power module is working properly.
		Green	Blinking	The power output is abnormal (for example, overcurrent or short circuit).

Table 5-46 Ports on the PAC600S12-CF

Port	Description
Power cable port	C13 power socket

Functions and Features

Table 5-47 Functions and features of the PAC600S12-CF

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In either of the two protection states, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.

Functions and Features	Description
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air intake from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-48 Technical specifications of the PAC600S12-CF

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 90.0 mm x 214.5 mm (1.56 in. x 3.54 in. x 8.44 in.)
Weight without packaging [kg (lb)]	0.94 kg (2.07 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC
Input voltage range [V]	AC: 90–290 V AC; 47–63 Hz High-voltage DC: 190 V DC to 290 V DC
Rated input current [A]	8 A (100 V AC to 240 V AC); 4 A (240 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W

5.9 PAC600S12-DB (600W AC Power Module(Power panel side exhaust))

Overview

Table 5-49 Basic information about the PAC600S12-DB

Item	Details
Description	600W AC Power Module(Power panel side exhaust)
Part Number	02131740
Model	PAC600S12-DB

Item	Details
Remarks	When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-17 Appearance of the PAC600S12-DB



Version Mapping

Table 5-50 Mappings between PAC600S12-DB and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6820H-4 8S6CQ (02354FTG)	V300R021C 10	-	-	-
CloudEngin e 6800	CE6820H-4 8S6CQ (02354FTG -002)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6820H-4 8S6CQ (02354FTG -003)	V300R022C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-48S6CQ (02354FTK)	V300R021C10	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL)	V300R021C10	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-HAM (02354WBA)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-HAM (02354WBB)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-HAM (02354WBC)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPM)	V300R021C10SPC200	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6860-SAN (02354FPM-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPN)	V300R021C10SPC200	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPN-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPP)	V300R021C10SPC200	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPP-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMA)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMA-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMA-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMA-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMB)	V300R021C10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTA)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTB)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTC)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJM)	V300R020C 10SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJM -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJN)	V300R020C 10SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJN- 001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EGL)	V300R020C 10SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EGL -001)	V300R021C 00SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EGL -002)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EG M)	V300R020C 10SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EG M-001)	V300R021C 00SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EG M-002)	V300R022C 00	-	-	-

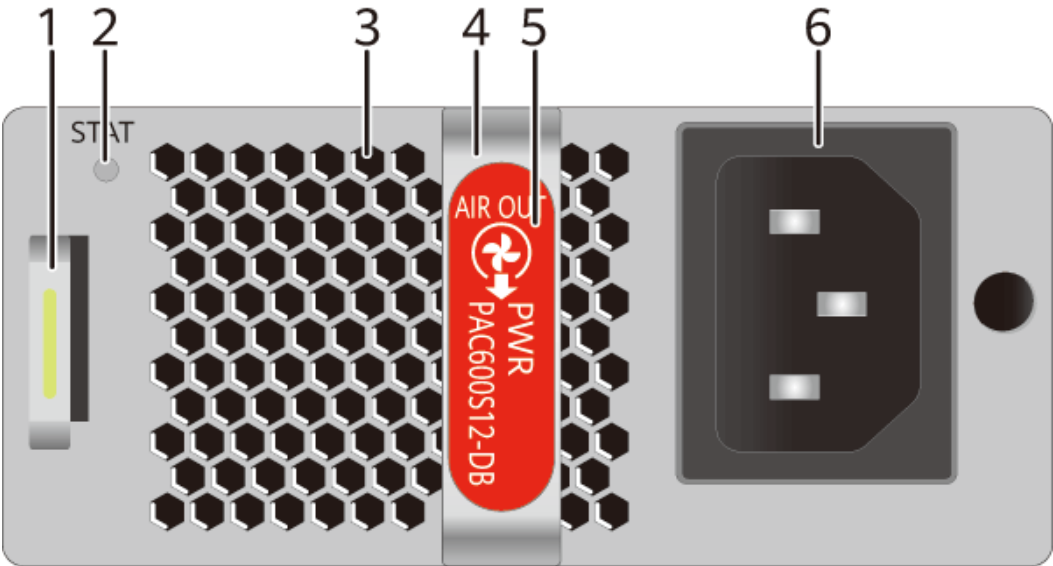
Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6866-48S8CQ-P (02353EGN)	V300R020C10SPC200	-	-	-
CloudEngine 6800	CE6866-48S8CQ-P (02353EGN-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48S8CQ-P (02353EGN-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLV-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLW)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLW-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLY)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLY-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ-K (02354VSS)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VST)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VSU)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-001)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSW)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSX)	V300R022C00	-	-	-

Panel

Figure 5-18 Panel of the PAC600S12-DB



1. Lock	2. Indicator	3. Air vent	4. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.
5. Airflow flag  • : power panel side exhaust  • : power panel side intake	6. Power socket	-	-

Table 5-51 Indicators on the PAC600S12-DB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady off	The power input is abnormal (for example, no input or undervoltage) , or the power output is abnormal (for example, overvoltage or undervoltage) .
		Green	Steady on	The power module is working properly.

Silkscreen	Name	Color	Status	Description
		Green	Blinking	The power output is abnormal (for example, overcurrent or short circuit).

Table 5-52 Ports on the PAC600S12-DB

Port	Description
Power cable port	C13 power socket

Functions and Features

Table 5-53 Functions and features of the PAC600S12-DB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In either of the two protection states, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.

Functions and Features	Description
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-54 Technical specifications of the PAC600S12-DB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40.0 mm x 90.0 mm x 205.0 mm (1.57 in. x 3.54 in. x 8.07 in.)
Weight without packaging [kg (lb)]	0.95 kg (2.09 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC
Input voltage range [V]	AC: 90–290 V AC; 45–65 Hz High-voltage DC: 190 V DC to 290 V DC
Rated input current [A]	8 A (100 V AC to 240 V AC); 4 A (240 V DC)
Rated output voltage [V]	12 V

Item	Specification
Rated output current [A]	50 A
Rated output power [W]	600 W

5.10 PAC600S12-DF (600W AC Power Module(Power panel side intake))

Overview

Table 5-55 Basic information about the PAC600S12-DF

Item	Details
Description	600W AC Power Module(Power panel side intake)
Part Number	02131741
Model	PAC600S12-DF
Remarks	When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-19 Appearance of the PAC600S12-DF



Version Mapping

Table 5-56 Mappings between PAC600S12-DF and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-48S6CQ (02354FTG)	V300R021C10	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTG-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTG-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK)	V300R021C10	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL)	V300R021C10	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL-003)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6860-HAM (02354WB A)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860-HAM (02354WB B)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860-HAM (02354WB C)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860-SAN (02354FPM)	V300R021C 10SPC200	-	-	-
CloudEngin e 6800	CE6860-SAN (02354FPM -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860-SAN (02354FPN)	V300R021C 10SPC200	-	-	-
CloudEngin e 6800	CE6860-SAN (02354FPN -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860-SAN (02354FPP)	V300R021C 10SPC200	-	-	-
CloudEngin e 6800	CE6860-SAN (02354FPP-001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LM A)	V300R021C 10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-002)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMC-003)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ-K (02354VTA)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ-K (02354VTB)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ-K (02354VTC)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJM)	V300R020C 10SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJM -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJN)	V300R020C 10SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJN-001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EGL)	V300R020C 10SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EGL -001)	V300R021C 00SPC200	-	-	-

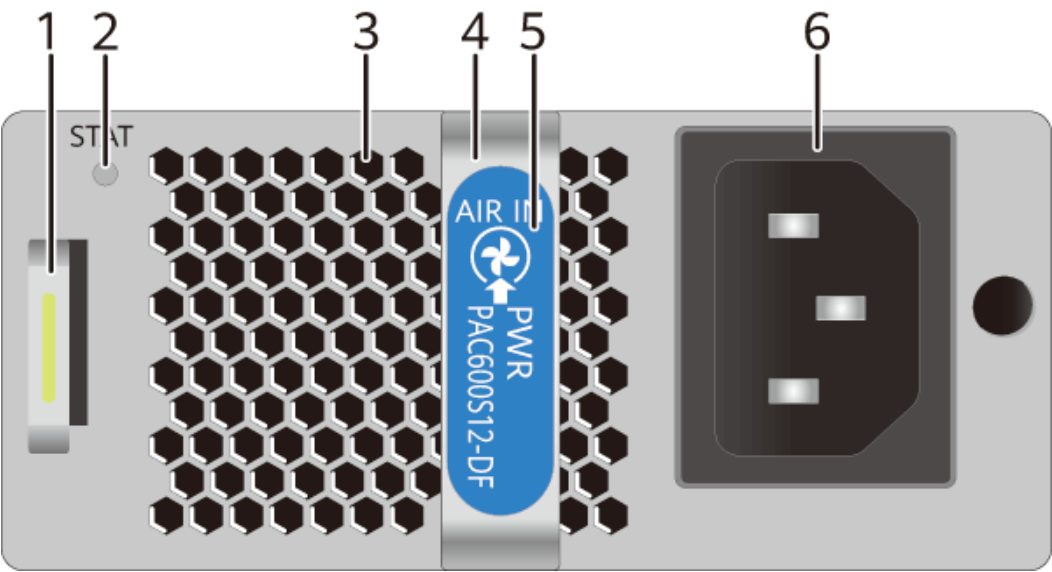
Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM)	V300R020C10SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN)	V300R020C10SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLV-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLW)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6881H-4 8S6CQ (02354LLW-001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8S6CQ (02354LLY)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8S6CQ (02354LLY-001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8S6CQ-K (02354VSS)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8S6CQ-K (02354VST)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8S6CQ-K (02354VSU)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNR)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNR-001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNR-002)	V300R022C 10	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNS)	V300R022C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSW)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSX)	V300R022C00	-	-	-

Panel

Figure 5-20 Panel of the PAC600S12-DF



1. Lock	2. Indicator	3. Air vent	4. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.
5. Airflow flag AIR OUT  • : power panel side exhaust AIR IN  • : power panel side intake	6. Power socket	-	-

Table 5-57 Indicators on the PAC600S12-DF

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady off	The power input is abnormal (for example, no input or undervoltage) , or the power output is abnormal (for example, overvoltage or undervoltage) .
		Green	Steady on	The power module is working properly.
		Green	Blinking	The power output is abnormal (for example, overcurrent or short circuit).

Table 5-58 Ports on the PAC600S12-DF

Port	Description
Power cable port	C13 power socket

Functions and Features

Table 5-59 Functions and features of the PAC600S12-DF

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In either of the two protection states, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.

Functions and Features	Description
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air intake from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-60 Technical specifications of the PAC600S12-DF

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40.0 mm x 90.0 mm x 205.0 mm (1.57 in. x 3.54 in. x 8.07 in.)
Weight without packaging [kg (lb)]	0.95 kg (2.09 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC
Input voltage range [V]	AC: 90–290 V AC; 45–65 Hz High-voltage DC: 190 V DC to 290 V DC
Rated input current [A]	8 A (100 V AC to 240 V AC); 4 A (240 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W

5.11 PAC600S12-EB (600W AC Power Module(Power panel side exhaust))

Overview

Table 5-61 Basic information about the PAC600S12-EB

Item	Details
Description	600W AC Power Module(Power panel side exhaust)
Part Number	02312FFU-002
Model	PAC600S12-EB

Item	Details
Remarks	When a power module enters overtemperature protection state, take measures to lower the temperature of the chassis. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-21 Appearance of the PAC600S12-EB



Version Mapping

Table 5-62 Mappings between PAC600S12-EB and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-48S6CQ (02354FTG)	V300R021C10	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTG-002)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-48S6CQ (02354FTG-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK)	V300R021C10	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL)	V300R021C10	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ-K (02354VTE)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ-K (02354VTF)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ-K (02354VTG)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6820S-4 8S6CQ (02354WA W)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6820S-4 8S6CQ (02354WA X)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6820S-4 8S6CQ (02354WA Y)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- HAM (02354WB A)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- HAM (02354WB B)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- HAM (02354WB C)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPM)	V300R021C 00SPC200	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPM -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPN)	V300R021C 00SPC200	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPN -001)	V300R022C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6860-SAN (02354FPP)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPP-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-003)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMC)	V300R021C 10	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMC -001)	V300R021C 10	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMC -002)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMC -003)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ-K (02354VTA)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ-K (02354VTB)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ-K (02354VTC)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJM)	V300R021C 00SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJM -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJN)	V300R021C 00SPC200	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJN-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN-002)	V300R022C00	-	-	-

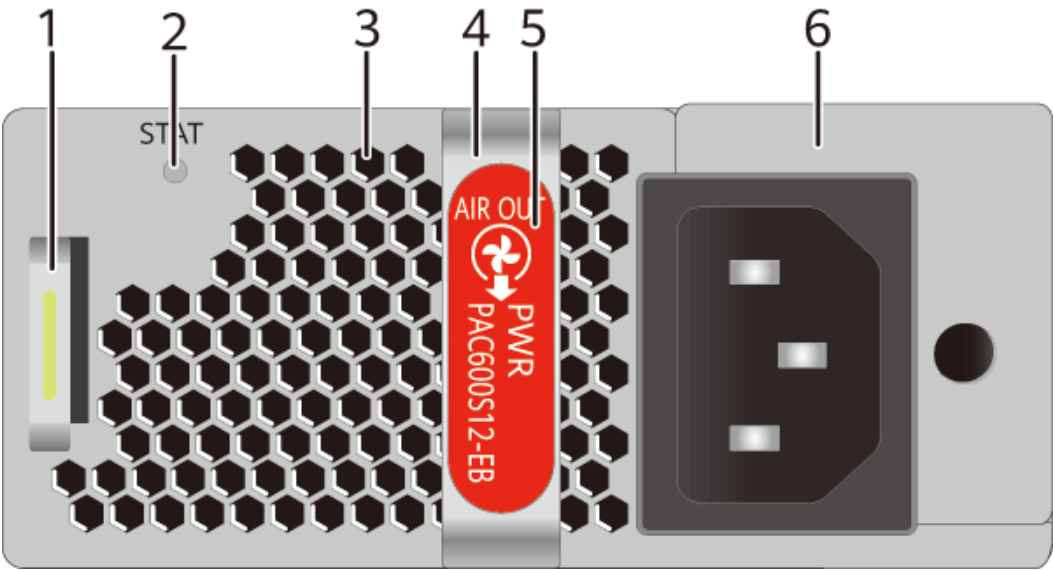
Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLV-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLW)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLW-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLY)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLY-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VSS)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VST)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VSU)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSW)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-48T6CQ-K(02354VSX)	V300R022C00	-	-	-

Panel

Figure 5-22 Panel of the PAC600S12-EB



1. Lock	2. Indicator	3. Air vent	4. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.
---------	--------------	-------------	---

5. Airflow flag	6. Power socket	-	-
 • : power panel side exhaust  • : power panel side intake			

Table 5-63 Indicators on the PAC600S12-EB

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady off	The input is abnormal (no power input or input undervoltage) , or the output is abnormal (overvoltage or undervoltage) .
		Green	Steady on	The power module is working properly.
		Green	Blinking	The output is abnormal (overcurrent or short circuit).

Table 5-64 Ports on the PAC600S12-EB

Port	Description
Power cable port	C13 power cable port

Functions and Features

Table 5-65 Functions and features of the PAC600S12-EB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-66 Technical specifications of the PAC600S12-EB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40.0 mm x 90.0 mm x 205.0 mm (1.57 in. x 3.54 in. x 8.07 in.)
Weight without packaging [kg (lb)]	0.985 kg (2.17 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC
Input voltage range [V]	AC: 90–290 V AC; 45–65 Hz High-voltage DC: 190 V DC to 290 V DC
Rated input current [A]	8 A (100 V AC to 240 V AC); 4 A (240 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	50A
Rated output power [W]	600W

5.12 PAC600S12-EF (600W AC Power Module(Power panel side intake))

Overview

Table 5-67 Basic information about the PAC600S12-EF

Item	Details
Description	600W AC Power Module(Power panel side intake)
Part Number	02313RMT

Item	Details
Model	PAC600S12-EF
Remarks	When a power module enters overtemperature protection state, take measures to lower the temperature of the chassis. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-23 Appearance of the PAC600S12-EF



Version Mapping

Table 5-68 Mappings between PAC600S12-EF and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6820H-4 8S6CQ (02354FTG)	V300R021C 10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTG-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTG-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTK)	V300R021C10	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTK-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTK-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTL)	V300R021C10	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ (02354FTL-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTE)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTF)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-48S6CQ-K (02354VTG)	V300R022C00	-	-	-
CloudEngine 6800	CE6820S-48S6CQ (02354WAW)	V300R022C00	-	-	-
CloudEngine 6800	CE6820S-48S6CQ (02354WAX)	V300R022C00	-	-	-
CloudEngine 6800	CE6820S-48S6CQ (02354WAY)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-HAM (02354WBA)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-HAM (02354WBB)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-HAM (02354WBC)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPM)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPM-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPN)	V300R021C00SPC200	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6860-SAN (02354FPN-001)	V300R022C00	-	-	-
CloudEngin e 6800	CE6860-SAN (02354FPP)	V300R021C00SPC200	-	-	-
CloudEngin e 6800	CE6860-SAN (02354FPP-001)	V300R022C00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMA)	V300R021C10	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMA-001)	V300R021C10	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMA-002)	V300R022C00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMA-003)	V300R022C00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMB)	V300R021C10	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMB-001)	V300R021C10	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMB-002)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTA)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTB)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTC)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJM)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJM-001)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJN)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJN-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN-001)	V300R021C00SPC200	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6866-48S8CQ-P (02353EGN-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLV-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLW)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLW-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLY)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLY-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ-K (02354VSS)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ-K (02354VST)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ-K (02354VSU)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNR)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNR -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNR -002)	V300R022C 10	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNS)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNS -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNS -002)	V300R022C 10	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNT)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNT -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNT -002)	V300R022C 10	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ-K (02354VSV)	V300R022C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-48T6CQ-K (02354VSW)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48T6CQ-K (02354V SX)	V300R022C00	-	-	-

Panel

Figure 5-24 Panel of the PAC600S12-EF

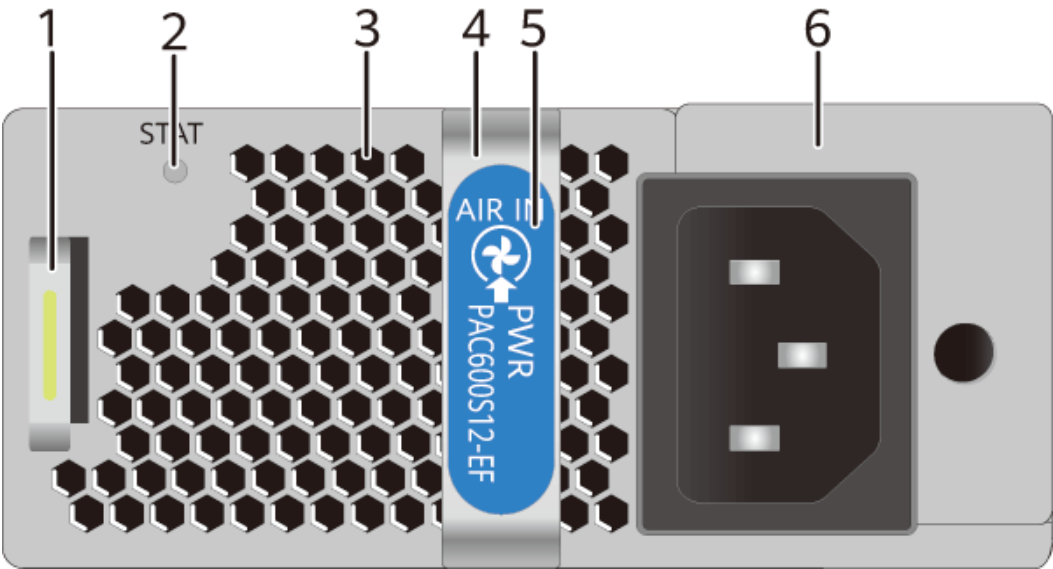


Table 5-69 Indicators on the PAC600S12-EF

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady off	The input is abnormal (no power input or input undervoltage) , or the output is abnormal (overvoltage or undervoltage) .
		Green	Steady on	The power module is working properly.
		Green	Blinking	The output is abnormal (overcurrent or short circuit).

Table 5-70 Ports on the PAC600S12-EF

Port	Description
Power cable port	C13 power cable port

Functions and Features

Table 5-71 Functions and features of the PAC600S12-EF

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.

Functions and Features	Description
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air intake from the panel side of the power supply
Hot swapping	The power module is hot swappable.

Technical Specifications

Table 5-72 Technical specifications of the PAC600S12-EF

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40.0 mm x 90.0 mm x 205.0 mm (1.57 in. x 3.54 in. x 8.07 in.)
Weight without packaging [kg (lb)]	0.985 kg (2.17 lb)
Weight with packaging [kg (lb)]	1 kg (2.20 lb)

Item	Specification
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC
Input voltage range [V]	AC: 90–290 V AC; 45–65 Hz High-voltage DC: 190 V DC to 290 V DC
Rated input current [A]	8 A (100 V AC to 240 V AC) ; 4 A (240 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	50A
Rated output power [W]	600W

5.13 PAC600S12-PB (600W AC & 240V DC Power Module(Power panel side exhaust))

Overview

Table 5-73 Basic information about the PAC600S12-PB

Item	Details
Description	600W AC & 240V DC Power Module(Power panel side exhaust)
Part Number	02313BUS
Model	PAC600S12-PB

Item	Details
Remarks	1. When a power module enters overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when the temperature falls within the normal range. 2. It is recommended that one front-end circuit breaker be configured for each power module. If circuit breakers of a level lower than C25 are used, one circuit breaker must be configured for each power module. If one circuit breaker needs to connect to multiple power modules, a circuit breaker of C25 or a higher level must be used.

Appearance

Figure 5-25 Appearance of the PAC600S12-PB



Version Mapping

Table 5-74 Mappings between PAC600S12-PB and product models

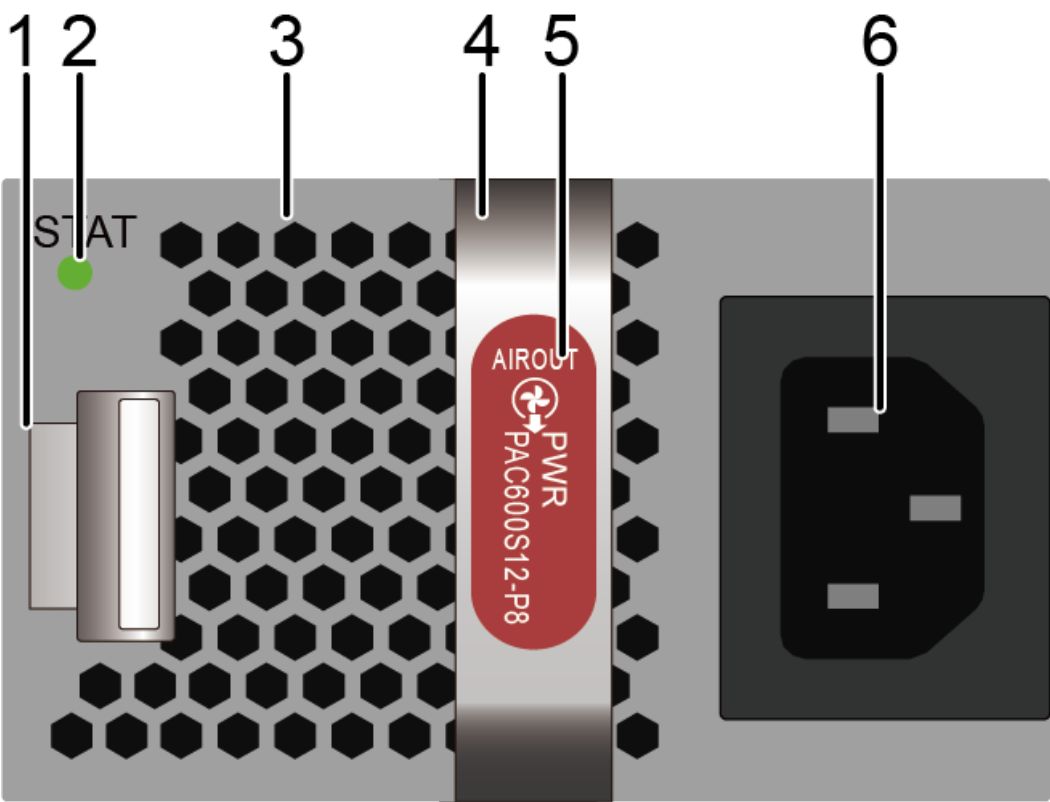
Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngine 6800	CE6855-48 T8CQ (02356UVD)	V300R025C00	-	-	-
CloudEngine 6800	CE6855-48 T8CQ (02356UVE)	V300R025C00	-	-	-
CloudEngine 6800	CE6855-48 T8CQ (02356UVF)	V300R025C00	-	-	-
CloudEngine 6800	CE6855-48 XS8CQ (02355KTJ)	V300R023C00	-	-	-
CloudEngine 6800	CE6855-48 XS8CQ (02355KTK)	V300R023C00	-	-	-
CloudEngine 6800	CE6855-48 XS8CQ (02355KTL)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48 YS8CQ (02355KTM)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48 YS8CQ (02355KTN)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48 YS8CQ (02355KTP)	V300R023C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6885-48YS8CQ-T (02355KUA)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ-T (02355KUB)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ-T (02355KUC)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTQ)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTR)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTS)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTW)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTX)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTY)	V300R023C00	-	-	-
CloudEngine 6800	CE6885H-48YS8CQ (02355SFF)	V300R023C10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6885H-48YS8CQ (02355SFG)	V300R023C10	-	-	-
CloudEngine 6800	CE6885H-48YS8CQ (02355SFH)	V300R023C10	-	-	-
CloudEngine 6800	CE6885L-48YS8CQ (02356BBP)	V300R024C00	-	-	-
CloudEngine 6800	CE6885L-48YS8CQ (02356BBQ)	V300R024C00	-	-	-
CloudEngine 6800	CE6885L-48YS8CQ (02356BBS)	V300R024C00	-	-	-

Panel

Figure 5-26 Panel of the PAC600S12-PB



1. Lock	2. Indicator	3. Air vent	4. Handle
			NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.

5. Airflow flag	6. Power socket	-	-
 • : power panel side exhaust  • : power panel side intake			

Table 5-75 Indicators on the PAC600S12-PB

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady off	The input is abnormal (no power input or input undervoltage) , or the output is abnormal (overvoltage or undervoltage) .
		Green	Steady on	The power module is working properly.
		Green	Blinking (4 Hz)	Online loading

Table 5-76 Ports on the PAC600S12-PB

Port	Description
Power cable port	C13 power cable port

Functions and Features

Table 5-77 Functions and features of the PAC600S12-PB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-78 Technical specifications of the PAC600S12-PB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215.0 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1 kg (2.20 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC
Input voltage range [V]	AC: 90–290 V AC; 45–65 Hz High-voltage DC: 190 V DC to 290 V DC
Rated input current [A]	8 A (100 V AC to 240 V AC); 4 A (240 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	50A
Rated output power [W]	600W

5.14 PAC600S12-PF (600W AC & 240V DC Power Module(Power panel side intake))

Overview

Table 5-79 Basic information about the PAC600S12-PF

Item	Details
Description	600W AC & 240V DC Power Module(Power panel side intake)
Part Number	02313BUW

Item	Details
Model	PAC600S12-PF
Remarks	1. When a power module enters overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when the temperature falls within the normal range. 2. It is recommended that one front-end circuit breaker be configured for each power module. If circuit breakers of a level lower than C25 are used, one circuit breaker must be configured for each power module. If one circuit breaker needs to connect to multiple power modules, a circuit breaker of C25 or a higher level must be used.

Appearance

Figure 5-27 Appearance of the PAC600S12-PF



Version Mapping

Table 5-80 Mappings between PAC600S12-PF and product models

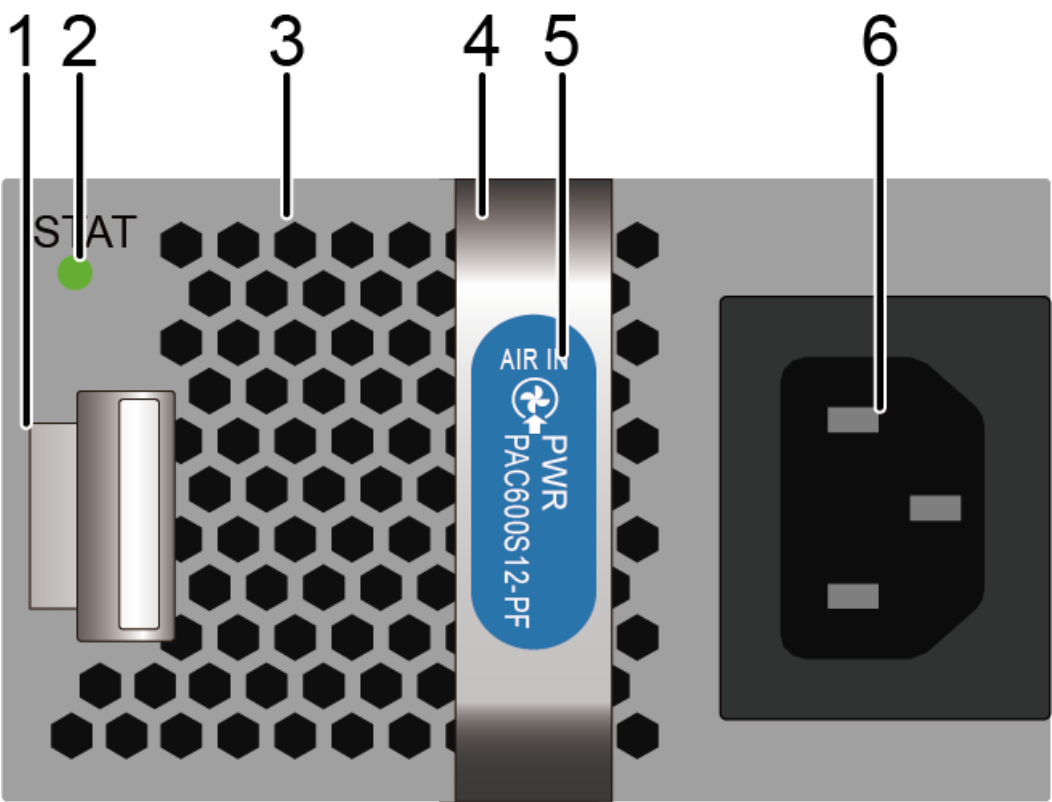
Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6855-48T8CQ (02356UVD)	V300R025C00	-	-	-
CloudEngine 6800	CE6855-48T8CQ (02356UVE)	V300R025C00	-	-	-
CloudEngine 6800	CE6855-48T8CQ (02356UVF)	V300R025C00	-	-	-
CloudEngine 6800	CE6855-48XS8CQ (02355KTJ)	V300R023C00	-	-	-
CloudEngine 6800	CE6855-48XS8CQ (02355KTK)	V300R023C00	-	-	-
CloudEngine 6800	CE6855-48XS8CQ (02355KTL)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ (02355KTM)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ (02355KTN)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ (02355KTP)	V300R023C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6885-48YS8CQ-T (02355KUA)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ-T (02355KUB)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ-T (02355KUC)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTQ)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTR)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTS)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTW)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTX)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTY)	V300R023C00	-	-	-
CloudEngine 6800	CE6885H-48YS8CQ (02355SFF)	V300R023C10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6885H-4 8YS8CQ (02355SFG)	V300R023C 10	-	-	-
CloudEngin e 6800	CE6885H-4 8YS8CQ (02355SFH)	V300R023C 10	-	-	-
CloudEngin e 6800	CE6885L-4 8YS8CQ (02356BBP)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6885L-4 8YS8CQ (02356BBQ)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6885L-4 8YS8CQ (02356BBS)	V300R024C 00	-	-	-

Panel

Figure 5-28 Panel of the PAC600S12-PF



1. Lock	2. Indicator	3. Air vent	4. Handle
			NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.

5. Airflow flag AIR OUT  • : power panel side exhaust AIR IN  • : power panel side intake	6. Power socket	-	-
--	-----------------	---	---

Table 5-81 Indicators on the PAC600S12-PF

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady off	The input is abnormal (no power input or input undervoltage) , or the output is abnormal (overvoltage or undervoltage) .
		Green	Steady on	The power module is working properly.
		Green	Blinking (4 Hz)	Online loading

Table 5-82 Ports on the PAC600S12-PF

Port	Description
Power cable port	C13 power cable port

Functions and Features

Table 5-83 Functions and features of the PAC600S12-PF

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air intake from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-84 Technical specifications of the PAC600S12-PF

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215.0 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1 kg (2.20 lb)
Weight with packaging [kg (lb)]	1 kg (2.20 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC
Input voltage range [V]	AC: 90–290 V AC; 45–65 Hz High-voltage DC: 190 V DC to 290 V DC
Rated input current [A]	8 A (100 V AC to 240 V AC) ; 4 A (240 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	50A
Rated output power [W]	600W

5.15 PDC1000S12-DB (1000W DC Power Module (Power panel side exhaust))

Overview

Table 5-85 Basic information about the PDC1000S12-DB

Item	Details
Description	1000W DC Power Module (Power panel side exhaust)
Part Number	02312QJK

Item	Details
Model	PDC1000S12-DB
Remarks	When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-29 Appearance of the PDC1000S12-DB



Version Mapping

Table 5-86 Mappings between PDC1000S12-DB and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-48S6CQ (02354FTG)	V300R021C00SPC100	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTG-002)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-48S6CQ (02354FTG-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK)	V300R021C00SPC100	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL)	V300R021C00SPC100	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ-K (02354VTE)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ-K (02354VTF)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ-K (02354VTG)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6820S-4 8S6CQ (02354WA W)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6820S-4 8S6CQ (02354WA X)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6820S-4 8S6CQ (02354WA Y)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- HAM (02354WB A)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- HAM (02354WB B)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- HAM (02354WB C)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPM)	V300R020C 10SPC200	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPM -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPN)	V300R020C 10SPC200	-	-	-
CloudEngin e 6800	CE6860- SAN (02354FPN -001)	V300R022C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6860-SAN (02354FPP)	V300R020C10SPC200	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPP-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMA-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-003)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMC)	V300R021C 10	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMC -001)	V300R021C 10	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMC -002)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ (02354LMC -003)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ-K (02354VTA)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ-K (02354VTB)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6863H-4 8S6CQ-K (02354VTC)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJM)	V300R020C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJM -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJN)	V300R020C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6866-48 S8CQ-K (02353PJN-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL)	V300R020C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM)	V300R020C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGM-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN)	V300R020C00	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48 S8CQ-P (02353EGN-002)	V300R022C00	-	-	-

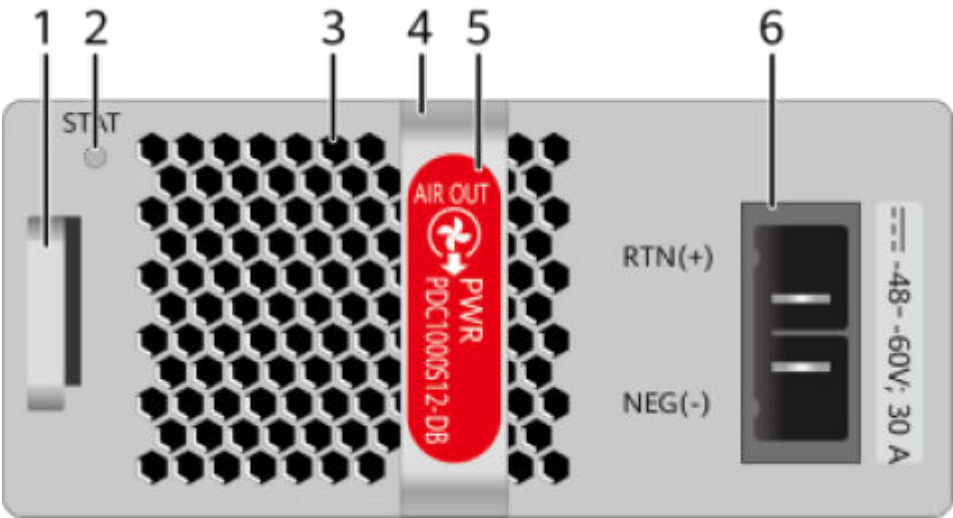
Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLV-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLW)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLW-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLY)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ (02354LLY-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VSS)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VST)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VSU)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSW)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6881H-48T6CQ-K(02354VSX)	V300R022C00	-	-	-

Panel

Figure 5-30 Panel of the PDC1000S12-DB



1. Lock	2. Indicator	3. Air vent	4. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.
---------	--------------	-------------	---

5. Airflow flag AIR OUT  • : power panel side exhaust AIR IN  • : power panel side intake	6. Power socket	-	-
---	-----------------	---	---

Table 5-87 Indicators on the PDC1000S12-DB

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) , or the power module is in overtemperature protection state.
		Green	Steady on	The power module is working properly.
		Green	Blinking	The device is upgraded or downgraded, or the output is abnormal (overcurrent, short circuit, or overvoltage).

Table 5-88 Ports on the PDC1000S12-DB

Port	Description
NEG(-)	-48 V/-60 V power input port
RTN(+)	BGND power input port

Functions and Features

Table 5-89 Functions and features of the PDC1000S12-DB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

Functions and Features	Description
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-90 Technical specifications of the PDC1000S12-DB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 90.0 mm x 214.5 mm (1.56 in. x 3.54 in. x 8.44 in.)
Weight without packaging [kg (lb)]	0.86 kg (1.90 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	-48 V DC to -60 V DC
Input voltage range [V]	-38.4 V DC to -72 V DC
Rated input current [A]	30 A
Rated output voltage [V]	12 V
Rated output current [A]	83.3 A
Rated output power [W]	1000 W

5.16 PDC1000S12-DF (1000W DC Power Module (Power panel side intake))

Overview

Table 5-91 Basic information about the PDC1000S12-DF

Item	Details
Description	1000W DC Power Module (Power panel side intake)
Part Number	02312QJL
Model	PDC1000S12-DF
Remarks	When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-31 Appearance of the PDC1000S12-DF



Version Mapping

Table 5-92 Mappings between PDC1000S12-DF and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-48S6CQ (02354FTG)	V300R021C00SPC100	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTG-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTG-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK)	V300R021C00SPC100	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL)	V300R021C00SPC100	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL-003)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTE)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTF)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTG)	V300R022C00	-	-	-
CloudEngine 6800	CE6820S-4 8S6CQ (02354WAW)	V300R022C00	-	-	-
CloudEngine 6800	CE6820S-4 8S6CQ (02354WAX)	V300R022C00	-	-	-
CloudEngine 6800	CE6820S-4 8S6CQ (02354WAY)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-HAM (02354WBA)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-HAM (02354WBB)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-HAM (02354WBC)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPM)	V300R020C10SPC200	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6860-SAN (02354FPM-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPN)	V300R020C10SPC200	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPN-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPP)	V300R020C10SPC200	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPP-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMA)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMA-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMA-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMA-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMB)	V300R021C10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTA)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTB)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTC)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJM)	V300R020C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJM -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJN)	V300R020C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJN- 001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EGL)	V300R020C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EGL -001)	V300R021C 00SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EGL -002)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EG M)	V300R020C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EG M-001)	V300R021C 00SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EG M-002)	V300R022C 00	-	-	-

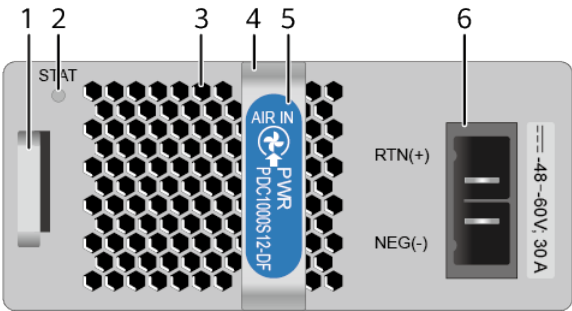
Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6866-48S8CQ-P (02353EGN)	V300R020C00	-	-	-
CloudEngine 6800	CE6866-48S8CQ-P (02353EGN-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48S8CQ-P (02353EGN-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLV-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLW)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLW-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLY)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLY-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ-K (02354VSS)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VST)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8S6CQ-K (02354VSU)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNR-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNS-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-001)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6881H-4 8T6CQ (02354VNT-002)	V300R022C10	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSW)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-4 8T6CQ-K (02354VSX)	V300R022C00	-	-	-

Panel

Figure 5-32 Panel of the PDC1000S12-DF



1. Lock	2. Indicator	3. Air vent	4. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.
---------	--------------	-------------	---

5. Airflow flag  • : power panel side exhaust  • : power panel side intake	6. Power socket	-	-
---	-----------------	---	---

Table 5-93 Indicators on the PDC1000S12-DF

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady on	The power module is working properly.
		Red	Steady on	Abnormal output due to fan faults, power supply overtemperature protection, input overcurrent/short-circuit protection, or output overvoltage protection; input undervoltage protection
		Dual-color indicator off	Off	There is no power input (the auxiliary power supply does not work) or reverse power supply.

Silkscreen	Name	Color	Status	Description
		Green	Blinking (4 Hz)	Online loading
		Green	Blinking (1 Hz)	Standby state, powered on but not inserted into the system

Table 5-94 Ports on the PDC1000S12-DF

Port	Description
NEG (-)	-48 V/-60 V power input port
RTN (+)	BGND power input port

Functions and Features

Table 5-95 Functions and features of the PDC1000S12-DF

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.

Functions and Features	Description
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air intake from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-96 Technical specifications of the PDC1000S12-DF

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 90.0 mm x 214.5 mm (1.56 in. x 3.54 in. x 8.44 in.)
Weight without packaging [kg (lb)]	0.86 kg (1.90 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	-48 V DC to -60 V DC
Input voltage range [V]	-38.4 V DC to -72 V DC
Rated input current [A]	30 A
Rated output voltage [V]	12 V
Rated output current [A]	83.3 A
Rated output power [W]	1000 W

5.17 PDC1K2S12-CE (1200W DC Power Module (Power panel side exhaust))

Overview

Table 5-97 Basic information about the PDC1K2S12-CE

Item	Details
Description	1200W DC Power Module (Power panel side exhaust)
Part Number	02270205
Model	PDC1K2S12-CE
Remarks	When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-33 Appearance of the PDC1K2S12-CE



Version Mapping

Table 5-98 Mappings between PDC1K2S12-CE and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6855-48T8CQ (02356UVD)	V300R025C00	-	-	-
CloudEngine 6800	CE6855-48T8CQ (02356UVE)	V300R025C00	-	-	-
CloudEngine 6800	CE6855-48T8CQ (02356UVF)	V300R025C00	-	-	-
CloudEngine 6800	CE6855-48XS8CQ (02355KTJ)	V300R023C00	-	-	-
CloudEngine 6800	CE6855-48XS8CQ (02355KTK)	V300R023C00	-	-	-
CloudEngine 6800	CE6855-48XS8CQ (02355KTL)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ (02355KTM)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ (02355KTN)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ (02355KTP)	V300R023C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6885-48YS8CQ-T (02355KUA)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ-T (02355KUB)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ-T (02355KUC)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTQ)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTR)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTS)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTW)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTX)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTY)	V300R023C00	-	-	-
CloudEngine 6800	CE6885H-48YS8CQ (02355SFF)	V300R023C10	-	-	-

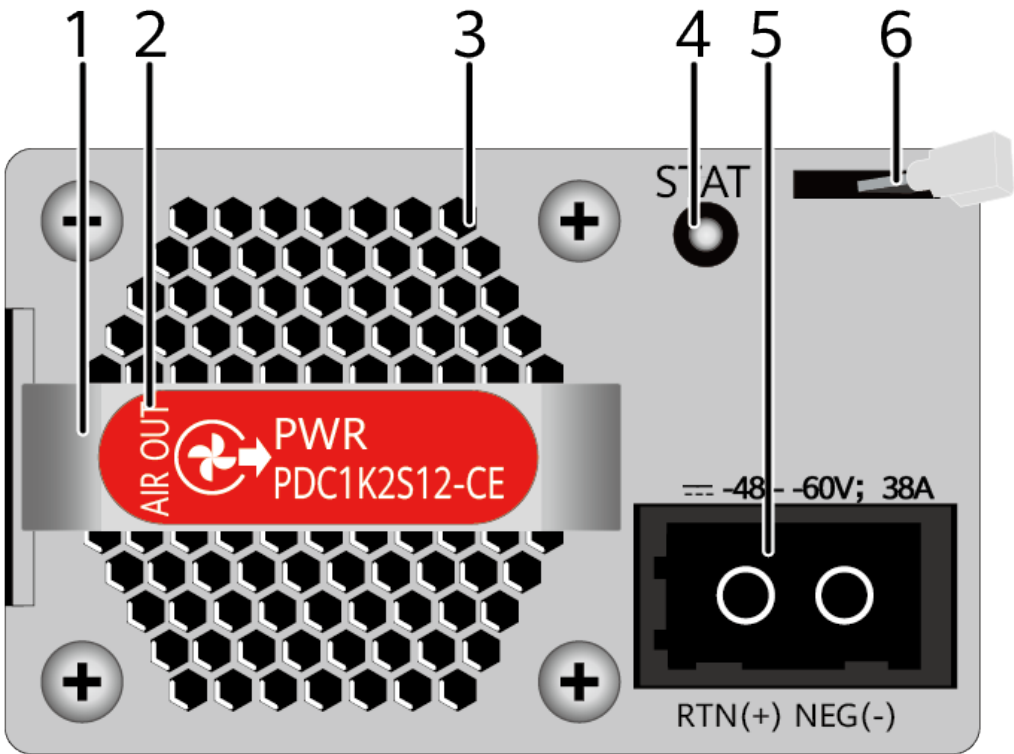
Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6885H-48YS8CQ (02355SFG)	V300R023C10	-	-	-
CloudEngine 6800	CE6885H-48YS8CQ (02355SFH)	V300R023C10	-	-	-
CloudEngine 6800	CE6885L-48YS8CQ (02356BBP)	V300R024C00	-	-	-
CloudEngine 6800	CE6885L-48YS8CQ (02356BBQ)	V300R024C00	-	-	-
CloudEngine 6800	CE6885L-48YS8CQ (02356BBS)	V300R024C00	-	-	-
CloudEngine 8800	CE8855-32CQ4BQ (02355KUD)	V300R023C00	-	-	-
CloudEngine 8800	CE8855-32CQ4BQ (02355KUD-001)	V300R023C10	-	-	-
CloudEngine 8800	CE8855-32CQ4BQ (02355KUE)	V300R023C00	-	-	-
CloudEngine 8800	CE8855-32CQ4BQ (02355KUE-001)	V300R023C10	-	-	-
CloudEngine 8800	CE8855-32CQ4BQ (02355KUF)	V300R023C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8855-32CQ4BQ (02355KUF-001)	V300R023C10	-	-	-
CloudEngine 8800	CE8855-48CD8DQ (02357FQP)	V300R025C10	-	-	-
CloudEngine 8800	CE8855-48CD8DQ (02357FQS)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-32CQ8DQ (02356WNL)	V300R025C00	-	-	-
CloudEngine 8800	CE8855H-32CQ8DQ (02356WNM)	V300R025C00	-	-	-
CloudEngine 8800	CE8855H-32CQ8DQ (02356WNN)	V300R025C00	-	-	-
CloudEngine 8800	CE8855H-SAN-40F (02357GCX)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-SAN-40F (02357GCV)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-SAN-40F (02357GDA)	V300R025C10	-	-	-
CloudEngine 8800	CE8875-24BQ8DQ (02355SDV)	V300R023C10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 8800	CE8875-24 BQ8DQ (02355SDX)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8875-24 BQ8DQ (02355SDY)	V300R023C 10	-	-	-
CloudEngin e 9800	CE9866-64 DQ (02357FQ M)	V300R025C 10	-	-	-
CloudEngin e 9800	CE9866-64 DQ (02357FQN)	V300R025C 10	-	-	-

Panel

Figure 5-34 Panel of the PDC1K2S12-CE



1. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag  • : power panel side exhaust  • : power panel side intake	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

Table 5-99 Indicators on the PDC1K2S12-CE

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) , or the power is overtemperature.
		Green	Steady on	The power module is working properly.
		Green	Blinking (4 Hz)	Online loading.

Table 5-100 Ports on the PDC1K2S12-CE

Port	Description
NEG(-)	-48 V/-60 V terminal block
RTN(+)	BGND terminal block

Functions and Features

Table 5-101 Functions and features of the PDC1K2S12-CE

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage becomes normal, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current becomes normal.
Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-102 Technical specifications of the PDC1K2S12-CE

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215.0 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	0.87 kg (1.92 lb)
Weight with packaging [kg (lb)]	1.79 kg (3.95 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	-48 V DC to -60 V DC +48 V DC
Input voltage range [V]	-38.4 V DC to -72 V DC 40 V DC to 57 V DC
Rated input current [A]	38 A
Rated output voltage [V]	12 V
Rated output current [A]	100A
Rated output power [W]	1200 W

5.18 PDC1K2S12-DB (1200W DC Power Module (Power panel side exhaust))

Overview

Table 5-103 Basic information about the PDC1K2S12-DB

Item	Details
Description	1200W DC Power Module (Power panel side exhaust)
Part Number	02313EAR

Item	Details
Model	PDC1K2S12-DB
Remarks	When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-35 Appearance of the PDC1K2S12-DB



Version Mapping

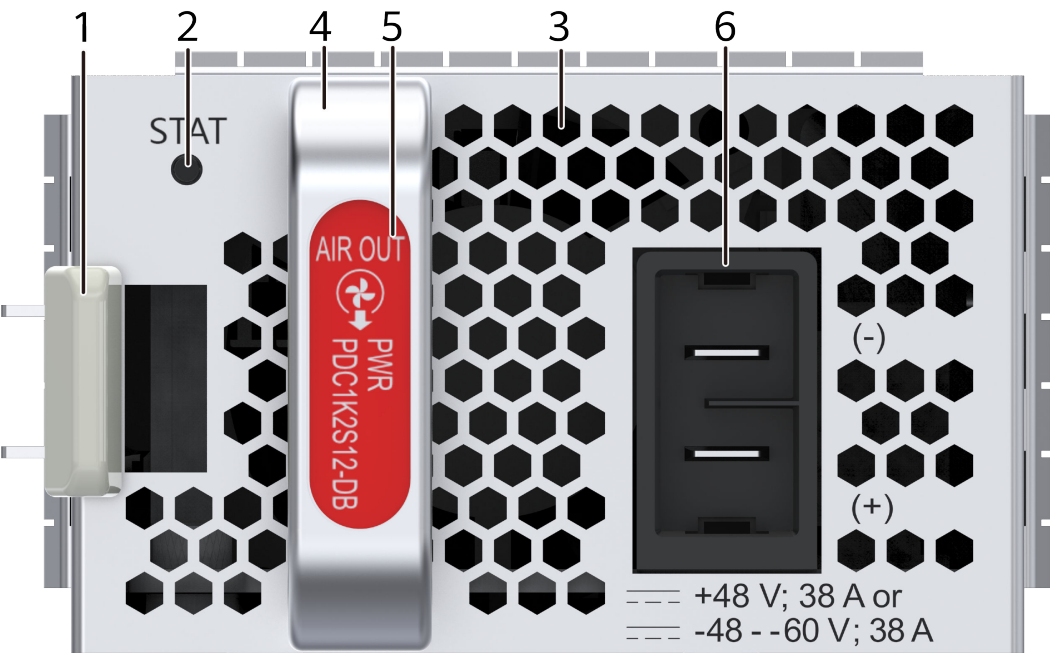
Table 5-104 Mappings between PDC1K2S12-DB and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 8800	CE8850-HAM (02354WB D)	V300R022C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8850-HAM (02354WBE)	V300R022C00	-	-	-
CloudEngine 8800	CE8850-HAM (02354WBF)	V300R022C00	-	-	-
CloudEngine 8800	CE8850-SAN (02354FPQ)	V300R020C10SPC200	-	-	-
CloudEngine 8800	CE8850-SAN (02354FPS)	V300R020C10SPC200	-	-	-
CloudEngine 8800	CE8850-SAN (02354FPT)	V300R020C10SPC200	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-K (02353PJQ)	V300R020C10	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-K (02353PJR)	V300R020C10	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-P (02353EGP)	V300R020C10	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-P (02353EGQ)	V300R020C10	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-P (02353EGR)	V300R020C10	-	-	-

Panel

Figure 5-36 Panel of the PDC1K2S12-DB



1. Lock	2. Indicator	3. Air vent	4. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.
5. Airflow flag : power panel side exhaust : power panel side intake	6. Power socket	-	-

Table 5-105 Indicators on the PDC1K2S12-DB

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady on	The power module is working properly.
		Green	Blinking (4 Hz)	Online loading
		Green	Blinking (1 Hz)	Standby state. The power module is powered on but not inserted into the system.
		Red	Steady on	Abnormal power output due to fan faults, power supply overtemperature protection, power input overcurrent/short-circuit protection, output overvoltage protection; input undervoltage protection
		-	Off	There is no power input (the auxiliary power supply does not work) or reverse power supply.

Functions and Features

Table 5-106 Functions and features of the PDC1K2S12-DB

Functions and Features	Description
Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power module stops supplying power and automatically resumes power supply after overvoltage is relieved. The power module locks out if output overvoltage occurs three or more times within 5 minutes. Unlocking method (any one): • The PMBUS delivers the 0x03 command to the power module. • The PMBUS delivers the 0x01 command with the 0x00 parameter to the power module to restart the power module. • Input power failure (fast power-off detection), lasting for 200 ms
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.

Functions and Features	Description
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-107 Technical specifications of the PDC1K2S12-DB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 350.0 mm (1.56 in. x 2.6 in. x 13.78 in.)
Weight without packaging [kg (lb)]	1.17 kg (2.58 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	-48 V DC: -48 V DC to -60 V DC +48 V DC: +48 V
Input voltage range [V]	-48 V DC: -38.4 V DC to -72 V DC +48 V DC: +38.4 V DC to +60 V DC
Rated input current [A]	38 A
Maximum input current [A]	38 A
Rated output voltage [V]	12 V
Rated output current [A]	100 A
Rated output power [W]	1200 W

5.19 PDC1K2S12-DF (1200W DC Power Module (Power panel side intake))

Overview

Table 5-108 Basic information about the PDC1K2S12-DF

Item	Details
Description	1200W DC Power Module (Power panel side intake)
Part Number	02313EAQ
Model	PDC1K2S12-DF
Remarks	When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-37 Appearance of the PDC1K2S12-DF



Version Mapping

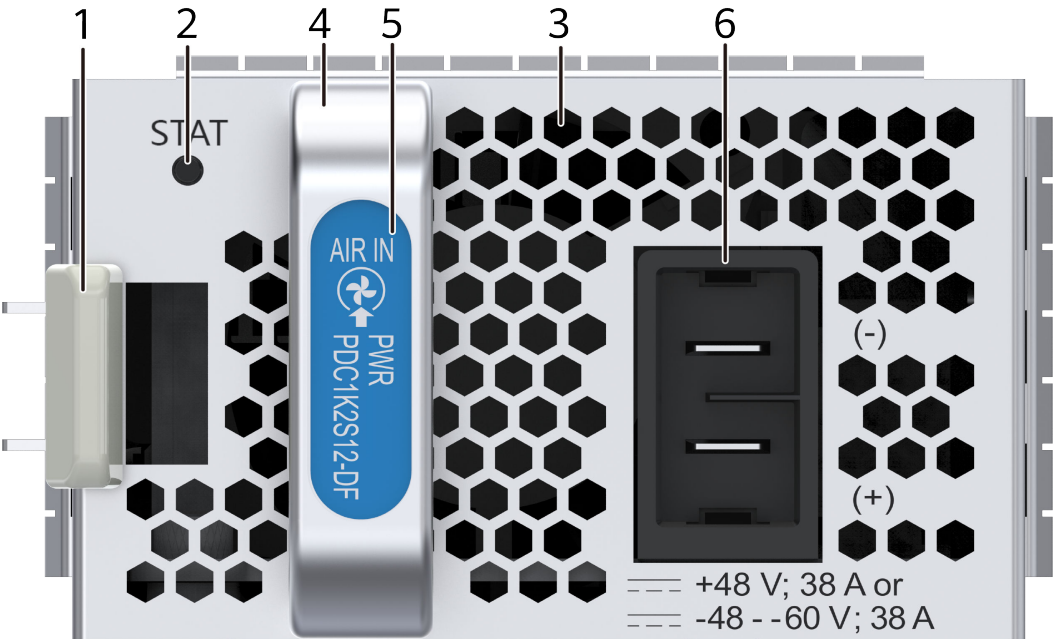
Table 5-109 Mappings between PDC1K2S12-DF and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8850-HAM (02354WB D)	V300R022C00	-	-	-
CloudEngine 8800	CE8850-HAM (02354WB E)	V300R022C00	-	-	-
CloudEngine 8800	CE8850-HAM (02354WB F)	V300R022C00	-	-	-
CloudEngine 8800	CE8850-SAN (02354FPQ)	V300R020C10SPC200	-	-	-
CloudEngine 8800	CE8850-SAN (02354FPS)	V300R020C10SPC200	-	-	-
CloudEngine 8800	CE8850-SAN (02354FPT)	V300R020C10SPC200	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-K (02353PJQ)	V300R020C10	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-K (02353PJR)	V300R020C10	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-P (02353EGP)	V300R020C10	-	-	-
CloudEngine 8800	CE8851-32 CQ8DQ-P (02353EGQ)	V300R020C10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 8800	CE8851-32 CQ8DQ-P (02353EGR)	V300R020C 10	-	-	-

Panel

Figure 5-38 Panel of the PDC1K2S12-DF



1. Lock	2. Indicator	3. Air vent	4. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.
---------	--------------	-------------	---

5. Airflow flag	6. Power socket	-	-
 • : power panel side exhaust  • : power panel side intake			

Table 5-110 Indicators on the PDC1K2S12-DF

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady on	The power module is working properly.
		Green	Blinking (4 Hz)	Online loading
		Green	Blinking (1 Hz)	Standby state. The power module is powered on but not inserted into the system.

Silkscreen	Name	Color	Status	Description
		Red	Steady on	Abnormal power output due to fan faults, power supply overtemperature protection, power input overcurrent/short-circuit protection, output overvoltage protection; input undervoltage protection
		-	Off	There is no power input (the auxiliary power supply does not work) or reverse power supply.

Functions and Features

Table 5-111 Functions and features of the PDC1K2S12-DF

Functions and Features	Description
Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.

Functions and Features	Description
Output overvoltage protection	In this protection state, the power module stops supplying power and automatically resumes power supply after overvoltage is relieved. The power module locks out if output overvoltage occurs three or more times within 5 minutes. Unlocking method (any one): • The PMBUS delivers the 0x03 command to the power module. • The PMBUS delivers the 0x01 command with the 0x00 parameter to the power module to restart the power module. • Input power failure (fast power-off detection), lasting for 200 ms
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air intake from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-112 Technical specifications of the PDC1K2S12-DF

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 350.0 mm (1.56 in. x 2.6 in. x 13.78 in.)
Weight without packaging [kg (lb)]	1.17 kg (2.58 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	-48 V DC: -48 V DC to -60 V DC +48 V DC: +48 V
Input voltage range [V]	-48 V DC: -38.4 V DC to -72 V DC +48 V DC: +38.4 V DC to +60 V DC
Rated input current [A]	38 A
Maximum input current [A]	38 A
Rated output voltage [V]	12 V
Rated output current [A]	100 A
Rated output power [W]	1200 W

5.20 PDC1K2S12-PB (1200W DC Power Module (Power panel side intake))

Overview

Table 5-113 Basic information about the PDC1K2S12-PB

Item	Details
Description	1200W DC Power Module (Power panel side intake)
Part Number	02270206
Model	PDC1K2S12-PB

Item	Details
Remarks	When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-39 Appearance of the PDC1K2S12-PB



Version Mapping

Table 5-114 Mappings between PDC1K2S12-PB and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6855-48 T8CQ (02356UV D)	V300R025C 00	-	-	-
CloudEngin e 6800	CE6855-48 T8CQ (02356UVE)	V300R025C 00	-	-	-
CloudEngin e 6800	CE6855-48 T8CQ (02356UVF)	V300R025C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6855-48XS8CQ (02355KTJ)	V300R023C00	-	-	-
CloudEngine 6800	CE6855-48XS8CQ (02355KTK)	V300R023C00	-	-	-
CloudEngine 6800	CE6855-48XS8CQ (02355KTL)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ (02355KTM)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ (02355KTN)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ (02355KTP)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ-T (02355KUA)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ-T (02355KUB)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ-T (02355KUC)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTQ)	V300R023C00	-	-	-

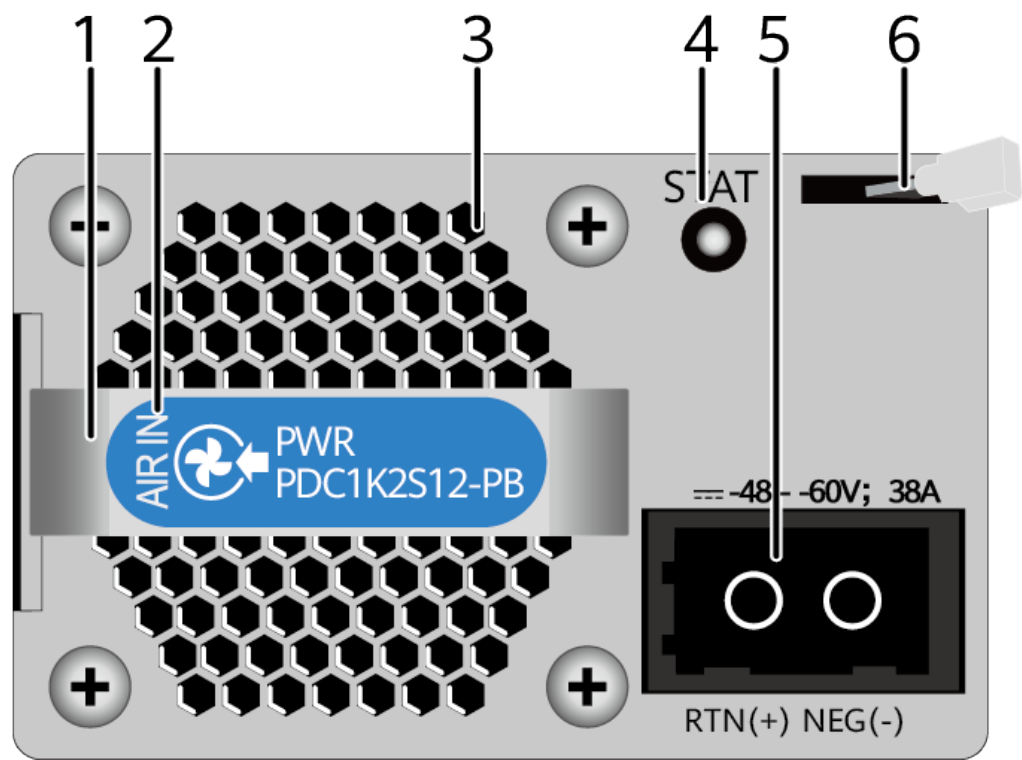
Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6885-LL-56F (02355KTR)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTS)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTW)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTX)	V300R023C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTY)	V300R023C00	-	-	-
CloudEngine 6800	CE6885H-48YS8CQ (02355SFF)	V300R023C10	-	-	-
CloudEngine 6800	CE6885H-48YS8CQ (02355SFG)	V300R023C10	-	-	-
CloudEngine 6800	CE6885H-48YS8CQ (02355SFH)	V300R023C10	-	-	-
CloudEngine 6800	CE6885L-48YS8CQ (02356BBP)	V300R024C00	-	-	-
CloudEngine 6800	CE6885L-48YS8CQ (02356BBQ)	V300R024C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6885L-48YS8CQ (02356BBS)	V300R024C00	-	-	-
CloudEngine 8800	CE8855-32CQ4BQ (02355KUD)	V300R023C00	-	-	-
CloudEngine 8800	CE8855-32CQ4BQ (02355KUD-001)	V300R023C10	-	-	-
CloudEngine 8800	CE8855-32CQ4BQ (02355KUE)	V300R023C00	-	-	-
CloudEngine 8800	CE8855-32CQ4BQ (02355KUE-001)	V300R023C10	-	-	-
CloudEngine 8800	CE8855-32CQ4BQ (02355KUF)	V300R023C00	-	-	-
CloudEngine 8800	CE8855-32CQ4BQ (02355KUF-001)	V300R023C10	-	-	-
CloudEngine 8800	CE8855H-32CQ8DQ (02356WNL)	V300R025C00	-	-	-
CloudEngine 8800	CE8855H-32CQ8DQ (02356WNM)	V300R025C00	-	-	-
CloudEngine 8800	CE8855H-32CQ8DQ (02356WNN)	V300R025C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8855H-SAN-40F (02357GCX)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-SAN-40F (02357GCY)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-SAN-40F (02357GDA)	V300R025C10	-	-	-
CloudEngine 8800	CE8875-24 BQ8DQ (02355SDV)	V300R023C10	-	-	-
CloudEngine 8800	CE8875-24 BQ8DQ (02355SDX)	V300R023C10	-	-	-
CloudEngine 8800	CE8875-24 BQ8DQ (02355SDY)	V300R023C10	-	-	-

Panel

Figure 5-40 Panel of the PDC1K2S12-PB



1. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag AIR OUT • : power panel side exhaust AIR IN • : power panel side intake	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

Table 5-115 Indicators on the PDC1K2S12-PB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) , or the power is overtemperature.
		Green	Steady on	The power module is working properly.
		Green	Blinking (4 Hz)	Online loading.

Table 5-116 Ports on the PDC1K2S12-PB

Port	Description
NEG(-)	-48 V/-60 V terminal block
RTN(+)	BGND terminal block

Functions and Features

Table 5-117 Functions and features of the PDC1K2S12-PB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage becomes normal, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current becomes normal.

Functions and Features	Description
Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air intake from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-118 Technical specifications of the PDC1K2S12-PB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215.0 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	0.87 kg (1.92 lb)
Weight with packaging [kg (lb)]	1.79 kg (3.95 lb)

Item	Specification
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	-48 V DC to -60 V DC +48 V DC
Input voltage range [V]	-38.4 V DC to -72 V DC 40 V DC to 57 V DC
Rated input current [A]	38 A
Rated output voltage [V]	12 V
Rated output current [A]	100A
Rated output power [W]	1200 W

5.21 PDC2K2S12-PB (2200W DC Power Module (Power panel side exhaust))

Overview

Table 5-119 Basic information about the PDC2K2S12-PB

Item	Details
Description	2200W DC Power Module (Power panel side exhaust)
Part Number	02270233
Model	PDC2K2S12-PB
Remarks	When a power module enters overtemperature protection state, take measures to lower the temperature of the chassis. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-41 Appearance of the PDC2K2S12-PB



Version Mapping

Table 5-120 Mappings between PDC2K2S12-PB and product models

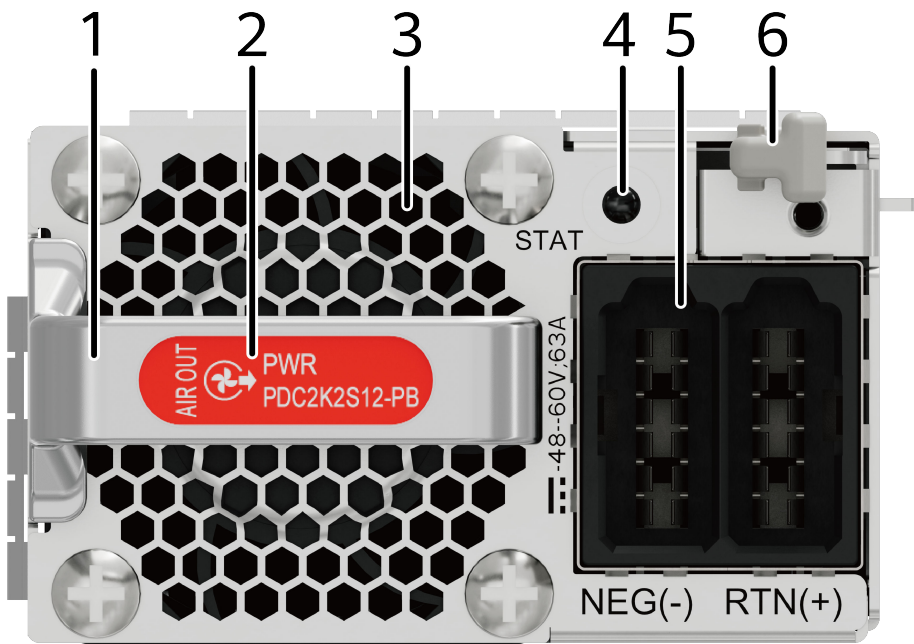
Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 8800	CE8865-4C (02355RTA)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8865-4C (02355RTB)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8865-4C (02355RTC)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8865-SAN-4C (02355SDP)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8865-SAN-4C (02355SDQ)	V300R023C 10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8865-SAN-4C (02355SDR)	V300R023C10	-	-	-
CloudEngine 9800	CE9855-32DQ (02355YSE)	V300R023C11	-	-	-
CloudEngine 9800	CE9855-32DQ (02355YSF)	V300R023C11	-	-	-
CloudEngine 9800	CE9865-4C (02356BCE)	V300R024C00	-	-	-
CloudEngine 9800	CE9865-4C (02356BCF)	V300R024C00	-	-	-
CloudEngine 9800	CE9865-4C (02356BCJ)	V300R024C00	-	-	-
CloudEngine 9800	CE9865-4C (02356HYJ)	V300R024C00	-	-	-
CloudEngine 9800	CE9866-128DQ (02356KVS)	V300R024C11	-	-	-
CloudEngine 9800	CE9866-128DQ (02356KVT)	V300R024C11	-	-	-
CloudEngine 9800	CE9866-64DQ (02357FQM)	V300R025C10	-	-	-
CloudEngine 9800	CE9866-64DQ (02357FQN)	V300R025C10	-	-	-
CloudEngine 9800	CE9875-64EO (02357DJM)	V300R025C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngine 9800	CE9875-64 EO (02357GCU)	V300R025C00	-	-	-

Panel

Figure 5-42 Panel of the PDC2K2S12-PB



1. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag  : power panel side exhaust  : power panel side intake	3. Air vent	4. Indicator
---	--	-------------	--------------

5. Power socket	6. Lock	-	-
-----------------	---------	---	---

Table 5-121 Indicators on the PDC2K2S12-PB

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady off	1. The power input is abnormal or there is no power input. 2. The power module is faulty or power protection is triggered.
		Green	Steady on	The power module is working properly.
		Green	Blinking	Online loading

Table 5-122 Ports on the PDC2K2S12-PB

Port	Description
NEG(-)	-48 V/-60 V power input port
RTN(+)	BGND power input port

Functions and Features

Table 5-123 Functions and features of the PDC2K2S12-PB

Functions and Features	Description
Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.

Functions and Features	Description
Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module cannot automatically resume power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-124 Technical specifications of the PDC2K2S12-PB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215.0 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1.2 kg (2.65 lb)
Number of inputs	1

Item	Specification
Number of outputs	1
Rated input voltage [V]	-48 V DC to -60 V DC +48 V DC
Input voltage range [V]	-38.4 V DC to -72 V DC 40 V DC to 57 V DC
Rated input current [A]	63 A (-48 V DC to -60 V DC) 63 A (+48 V DC)
Rated output voltage [V]	12.15 V
Rated output current [A]	181.1 A
Rated output power [W]	2200 W

5.22 PDC2K2S12-PF (2200W DC Power Module (Power panel side intake))

Overview

Table 5-125 Basic information about the PDC2K2S12-PF

Item	Details
Description	2200W DC Power Module (Power panel side intake)
Part Number	02270234
Model	PDC2K2S12-PF
Remarks	When a power module enters overtemperature protection state, take measures to lower the temperature of the chassis. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-43 Appearance of the PDC2K2S12-PF



Version Mapping

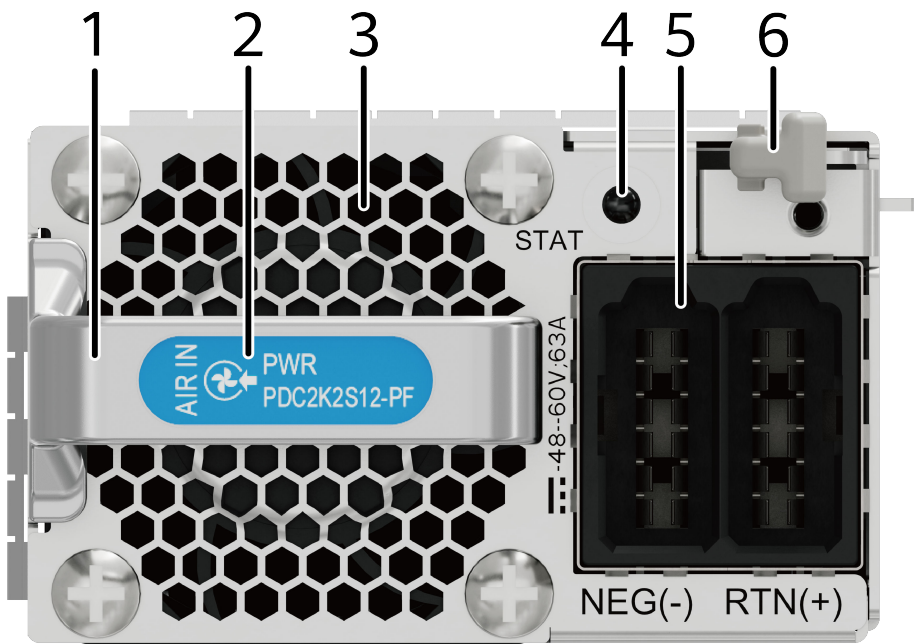
Table 5-126 Mappings between PDC2K2S12-PF and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 8800	CE8865-4C (02355RTA)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8865-4C (02355RTB)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8865-4C (02355RTC)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8865-SAN-4C (02355SDP)	V300R023C 10	-	-	-
CloudEngin e 8800	CE8865-SAN-4C (02355SDQ)	V300R023C 10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 8800	CE8865-SAN-4C (02355SDR)	V300R023C 10	-	-	-

Panel

Figure 5-44 Panel of the PDC2K2S12-PF



1. Handle	2. Airflow flag	3. Air vent	4. Indicator
NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	AIR OUT • : power panel side exhaust AIR IN • : power panel side intake		

5. Power socket	6. Lock	-	-
-----------------	---------	---	---

Table 5-127 Indicators on the PDC2K2S12-PF

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady off	1. The power input is abnormal or there is no power input. 2. The power module is faulty or power protection is triggered.
		Green	Steady on	The power module is working properly.
		Green	Blinking	Online loading

Table 5-128 Ports on the PDC2K2S12-PF

Port	Description
NEG(-)	-48 V/-60 V power input port
RTN(+)	BGND power input port

Functions and Features

Table 5-129 Functions and features of the PDC2K2S12-PF

Functions and Features	Description
Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.

Functions and Features	Description
Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module cannot automatically resume power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air intake from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-130 Technical specifications of the PDC2K2S12-PF

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215.0 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1.2 kg (2.65 lb)
Number of inputs	1

Item	Specification
Number of outputs	1
Rated input voltage [V]	-48 V DC to -60 V DC +48 V DC
Input voltage range [V]	-38.4 V DC to -72 V DC 40 V DC to 57 V DC
Rated input current [A]	63 A (-48 V DC to -60 V DC) 63 A (+48 V DC)
Rated output voltage [V]	12.15 V
Rated output current [A]	181.1 A
Rated output power [W]	2200 W

5.23 PDC400S12-CB (400W DC Power Module (Power panel side exhaust))

Overview

Table 5-131 Basic information about the PDC400S12-CB

Item	Details
Description	400W DC Power Module (Power panel side exhaust)
Part Number	02314VUG
Model	PDC400S12-CB
Remarks	It is recommended that one front-end circuit breaker be configured for each power module. If circuit breakers of C16 or a lower level are used, one circuit breaker must be configured for each power module. If one circuit breaker needs to connect to multiple power modules, a circuit breaker of C25 or a higher level must be used.

Appearance

Figure 5-45 Appearance of the PDC400S12-CB



Version Mapping

Table 5-132 Mappings between PDC400S12-CB and product models

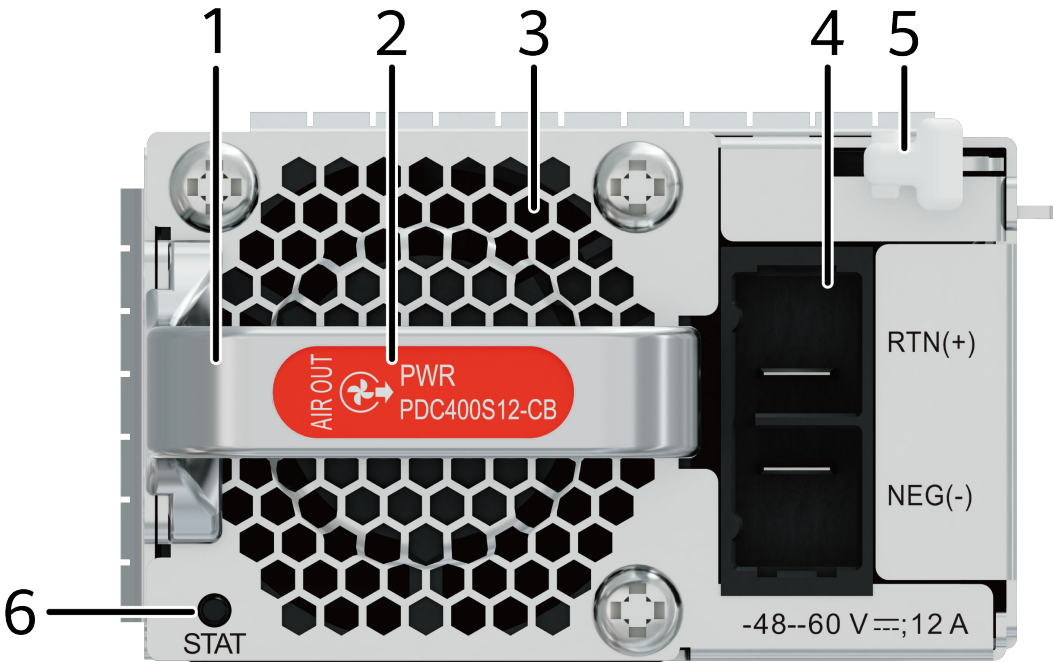
Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6855-48 XS8CQ (02355KTJ)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6855-48 XS8CQ (02355KTK)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6855-48 XS8CQ (02355KTL)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6885-48 YS8CQ (02355KT M)	V300R024C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6885-48YS8CQ (02355KTN)	V300R024C00	-	-	-
CloudEngine 6800	CE6885-48YS8CQ (02355KTP)	V300R024C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTQ)	V300R024C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTR)	V300R024C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTS)	V300R024C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTW)	V300R024C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTX)	V300R024C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTY)	V300R024C00	-	-	-
CloudEngine 6800	CE6885H-48YS8CQ (02355SFF)	V300R024C00	-	-	-
CloudEngine 6800	CE6885H-48YS8CQ (02355SFG)	V300R024C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6885H-4 8YS8CQ (02355SFH)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6885L-4 8YS8CQ (02356BBP)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6885L-4 8YS8CQ (02356BBQ)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6885L-4 8YS8CQ (02356BBS)	V300R024C 00	-	-	-

Panel

Figure 5-46 Panel of the PDC400S12-CB



1. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag AIR OUT  AIR IN  • : power panel side exhaust • : power panel side intake	3. Air vent	4. Power socket
5. Lock	6. Indicator	-	-

Table 5-133 Indicators on the PDC400S12-CB

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady on	The power module is working properly.
		Green	Off	• Abnormal output due to fan faults, power supply overtemperature protection, input overcurrent/short-circuit protection, or output overvoltage protection • No power output due to input undervoltage protection

Silkscreen	Name	Color	Status	Description
		Green	Blinking (4 Hz)	Online loading

Table 5-134 Ports on the PDC400S12-CB

Port	Description
NEG(-)	-48 V/-60 V terminal block
RTN(+)	BGND power input port

Functions and Features

Table 5-135 Functions and features of the PDC400S12-CB

Functions and Features	Description
Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Output overvoltage protection	In this protection state, the power module stops supplying power and automatically resumes power supply after overvoltage is relieved. The power module locks out if output overvoltage occurs three or more times within 5 minutes.
Output overcurrent protection	Stops power output and automatically restores power output when overcurrent is removed. The power module is locked if output overcurrent occurs for five or more times within 2 minutes.
Output short-circuit protection	Stops power output and automatically restores power output when the short circuit is removed. The power module is locked if the short circuit occurs for five or more times within 2 minutes.

Functions and Features	Description
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-136 Technical specifications of the PDC400S12-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215.0 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1.0 kg (2.2 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	-48 V DC: -48 V DC to -60 V DC +48 V DC: +48 V
Input voltage range [V]	-48 V DC: -38.4 V DC to -72 V DC +48 V DC: +38.4 V DC to +57 V DC
Rated input current [A]	10 A
Maximum input current [A]	12 A
Rated output voltage [V]	12.3 V
Rated output current [A]	32.5 A
Rated output power [W]	400 W

5.24 PDC400S12-CF (400W DC Power Module (Power panel side intake))

Overview

Table 5-137 Basic information about the PDC400S12-CF

Item	Details
Description	400W DC Power Module (Power panel side intake)
Part Number	02314VUH
Model	PDC400S12-CF
Remarks	It is recommended that one front-end circuit breaker be configured for each power module. If circuit breakers of C16 or a lower level are used, one circuit breaker must be configured for each power module. If one circuit breaker needs to connect to multiple power modules, a circuit breaker of C25 or a higher level must be used.

Appearance

Figure 5-47 Appearance of the PDC400S12-CF



Version Mapping

Table 5-138 Mappings between PDC400S12-CF and product models

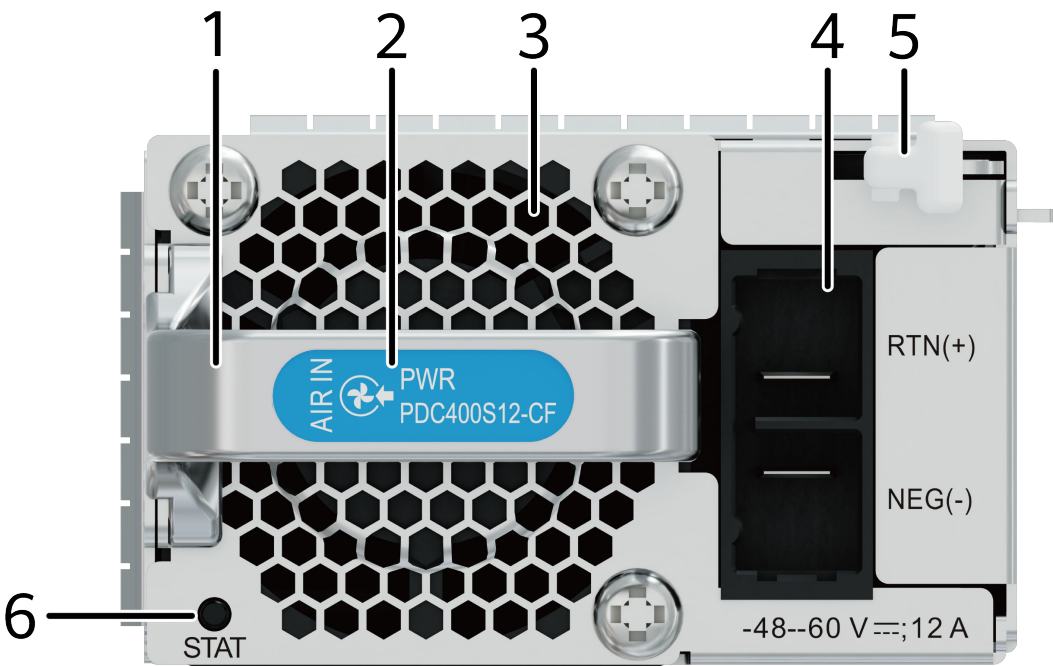
Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6855-48 XS8CQ (02355KTJ)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6855-48 XS8CQ (02355KTK)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6855-48 XS8CQ (02355KTL)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6885-48 YS8CQ (02355KT M)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6885-48 YS8CQ (02355KTN)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6885-48 YS8CQ (02355KTP)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6885-48 YS8CQ-T (02355KUA)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6885-48 YS8CQ-T (02355KUB)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6885-48 YS8CQ-T (02355KUC)	V300R024C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6885-LL-56F (02355KTQ)	V300R024C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTR)	V300R024C00	-	-	-
CloudEngine 6800	CE6885-LL-56F (02355KTS)	V300R024C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTW)	V300R024C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTX)	V300R024C00	-	-	-
CloudEngine 6800	CE6885-SAN-56F (02355KTY)	V300R024C00	-	-	-
CloudEngine 6800	CE6885H-48YS8CQ (02355SFF)	V300R024C00	-	-	-
CloudEngine 6800	CE6885H-48YS8CQ (02355SFG)	V300R024C00	-	-	-
CloudEngine 6800	CE6885H-48YS8CQ (02355SFH)	V300R024C00	-	-	-
CloudEngine 6800	CE6885L-48YS8CQ (02356BBP)	V300R024C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6885L-4 8YS8CQ (02356BBQ)	V300R024C 00	-	-	-
CloudEngin e 6800	CE6885L-4 8YS8CQ (02356BBS)	V300R024C 00	-	-	-

Panel

Figure 5-48 Panel of the PDC400S12-CF



1. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag AIR OUT  AIR IN  • : power panel side exhaust • : power panel side intake	3. Air vent	4. Power socket
5. Lock	6. Indicator	-	-

Table 5-139 Indicators on the PDC400S12-CF

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady on	The power module is working properly.
		Green	Off	• Abnormal output due to fan faults, power supply overtemperature protection, input overcurrent/short-circuit protection, or output overvoltage protection • No power output due to input undervoltage protection

Silkscreen	Name	Color	Status	Description
		Green	Blinking (4 Hz)	Online loading

Table 5-140 Ports on the PDC400S12-CF

Port	Description
NEG(-)	-48 V/-60 V terminal block
RTN(+)	BGND power input port

Functions and Features

Table 5-141 Functions and features of the PDC400S12-CF

Functions and Features	Description
Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Output overvoltage protection	In this protection state, the power module stops supplying power and automatically resumes power supply after overvoltage is relieved. The power module locks out if output overvoltage occurs three or more times within 5 minutes.
Output overcurrent protection	Stops power output and automatically restores power output when overcurrent is removed. The power module is locked if output overcurrent occurs for five or more times within 2 minutes.
Output short-circuit protection	Stops power output and automatically restores power output when the short circuit is removed. The power module is locked if the short circuit occurs for five or more times within 2 minutes.

Functions and Features	Description
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air intake from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-142 Technical specifications of the PDC400S12-CF

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215.0 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1.0 kg (2.2 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	-48 V DC: -48 V DC to -60 V DC +48 V DC: +48 V
Input voltage range [V]	-48 V DC: -38.4 V DC to -72 V DC +48 V DC: +38.4 V DC to +57 V DC
Rated input current [A]	10 A
Maximum input current [A]	12 A
Rated output voltage [V]	12.3 V
Rated output current [A]	32.5 A
Rated output power [W]	400 W

5.25 PHD1K2S12-DB (1200W HVDC Power Module (Power panel side exhaust))

Overview

Table 5-143 Basic information about the PHD1K2S12-DB

Item	Details
Description	1200W HVDC Power Module (Power panel side exhaust)
Part Number	02270183
Model	PHD1K2S12-DB
Remarks	When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

Appearance

Figure 5-49 Appearance of the PHD1K2S12-DB



Version Mapping

Table 5-144 Mappings between PHD1K2S12-DB and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-48S6CQ (02354FTG)	V300R021C00SPC100	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTG-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTG-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK)	V300R021C00SPC100	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTK-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL)	V300R021C00SPC100	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-48S6CQ (02354FTL-003)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTE)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTF)	V300R022C00	-	-	-
CloudEngine 6800	CE6820H-4 8S6CQ-K (02354VTG)	V300R022C00	-	-	-
CloudEngine 6800	CE6820S-4 8S6CQ (02354WAW)	V300R022C00	-	-	-
CloudEngine 6800	CE6820S-4 8S6CQ (02354WAX)	V300R022C00	-	-	-
CloudEngine 6800	CE6820S-4 8S6CQ (02354WAY)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-HAM (02354WBA)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-HAM (02354WBB)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-HAM (02354WBC)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPM)	V300R020C10SPC200	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6860-SAN (02354FPM-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPN)	V300R020C10SPC200	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPN-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPP)	V300R020C10SPC200	-	-	-
CloudEngine 6800	CE6860-SAN (02354FPP-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMA)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMA-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMA-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMA-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-48S6CQ (02354LMB)	V300R021C10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMB-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-001)	V300R021C10	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ (02354LMC-003)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTA)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTB)	V300R022C00	-	-	-
CloudEngine 6800	CE6863H-4 8S6CQ-K (02354VTC)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJM)	V300R020C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJM -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJN)	V300R020C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-K (02353PJN- 001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EGL)	V300R020C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EGL -001)	V300R021C 00SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EGL -002)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EG M)	V300R020C 00	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EG M-001)	V300R021C 00SPC200	-	-	-
CloudEngin e 6800	CE6866-48 S8CQ-P (02353EG M-002)	V300R022C 00	-	-	-

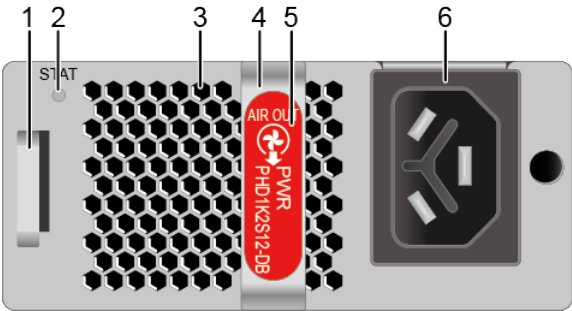
Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6866-48S8CQ-P (02353EGN)	V300R020C00	-	-	-
CloudEngine 6800	CE6866-48S8CQ-P (02353EGN-001)	V300R021C00SPC200	-	-	-
CloudEngine 6800	CE6866-48S8CQ-P (02353EGN-002)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLV)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLV-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLW)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLW-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLY)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ (02354LLY-001)	V300R022C00	-	-	-
CloudEngine 6800	CE6881H-48S6CQ-K (02354VSS)	V300R022C00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6881H-4 8S6CQ-K (02354VST)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8S6CQ-K (02354VSU)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNR)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNR -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNR -002)	V300R022C 10	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNS)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNS -001)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNS -002)	V300R022C 10	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNT)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNT -001)	V300R022C 00	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6881H-4 8T6CQ (02354VNT -002)	V300R022C 10	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ-K (02354VSV)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ-K (02354VS W)	V300R022C 00	-	-	-
CloudEngin e 6800	CE6881H-4 8T6CQ-K (02354VSX)	V300R022C 00	-	-	-

Panel

Figure 5-50 Panel of the PHD1K2S12-DB



1. Lock	2. Indicator	3. Air vent	4. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.
---------	--------------	-------------	---

5. Airflow flag  : power panel side exhaust	6. Power socket	-	-
--	-----------------	---	---

Table 5-145 Indicators on the PHD1K2S12-DB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) , or the power is overtemperat ure.
		Green	Steady on	The power module is working properly.
		Green	Blinking	The device is upgraded or downgraded, or the output is abnormal (overcurrent, short circuit, or overvoltage).

Functions and Features

Table 5-146 Functions and features of the PHD1K2S12-DB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In either of the two protection states, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

 NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-147 Technical specifications of the PHD1K2S12-DB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 90.0 mm x 215.0 mm (1.56 in. x 3.54 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1.5 kg (3.31 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	240 V DC to 380 V DC
Input voltage range [V]	190 V DC to 400 V DC
Rated input current [A]	8 A
Rated output voltage [V]	12 V
Rated output current [A]	100 A
Rated output power [W]	1200 W

5.26 PHD2KS12-PB (2000W HVDC Power Module (Power panel side exhaust))

Overview

Table 5-148 Basic information about the PHD2KS12-PB

Item	Details
Description	2000W HVDC Power Module (Power panel side exhaust)
Part Number	02314LFT
Model	PHD2KS12-PB

Item	Details
Remarks	1. When a power module enters overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when the temperature falls within the normal range. 2. It is recommended that one front-end circuit breaker be configured for each power module. If circuit breakers of a level lower than C32 are used, one circuit breaker must be configured for each power module. If one circuit breaker needs to connect to multiple power modules, a circuit breaker of C32 or a higher level must be used.

Appearance

Figure 5-51 Appearance of the PHD2KS12-PB



Version Mapping

Table 5-149 Mappings between PHD2KS12-PB and product models

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 6800	CE6855-48T8CQ (02356UVD)	V300R025C00	-	-	-
CloudEngine 6800	CE6855-48T8CQ (02356UVE)	V300R025C00	-	-	-
CloudEngine 6800	CE6855-48T8CQ (02356UVF)	V300R025C00	-	-	-
CloudEngine 6800	CE6855-48XS8CQ (02355KTJ)	V300R024C10	-	-	-
CloudEngine 6800	CE6855-48XS8CQ (02355KTK)	V300R024C10	-	-	-
CloudEngine 6800	CE6855-48XS8CQ (02355KTL)	V300R024C10	-	-	-
CloudEngine 6800	CE6885-48YS8CQ (02355KTM)	V300R024C10	-	-	-
CloudEngine 6800	CE6885-48YS8CQ (02355KTN)	V300R024C10	-	-	-
CloudEngine 6800	CE6885-48YS8CQ (02355KTP)	V300R024C10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupport ed Version	Limitation s
CloudEngin e 6800	CE6885-48 YS8CQ-T (02355KUA)	V300R024C 10	-	-	-
CloudEngin e 6800	CE6885-48 YS8CQ-T (02355KUB)	V300R024C 10	-	-	-
CloudEngin e 6800	CE6885-48 YS8CQ-T (02355KUC)	V300R024C 10	-	-	-
CloudEngin e 6800	CE6885- LL-56F (02355KTQ)	V300R024C 10	-	-	-
CloudEngin e 6800	CE6885- LL-56F (02355KTR)	V300R024C 10	-	-	-
CloudEngin e 6800	CE6885- LL-56F (02355KTS)	V300R024C 10	-	-	-
CloudEngin e 6800	CE6885- SAN-56F (02355KT W)	V300R024C 10	-	-	-
CloudEngin e 6800	CE6885- SAN-56F (02355KTX)	V300R024C 10	-	-	-
CloudEngin e 6800	CE6885- SAN-56F (02355KTY)	V300R024C 10	-	-	-
CloudEngin e 8800	CE8855-48 CD8DQ (02357FQP)	V300R025C 10	-	-	-

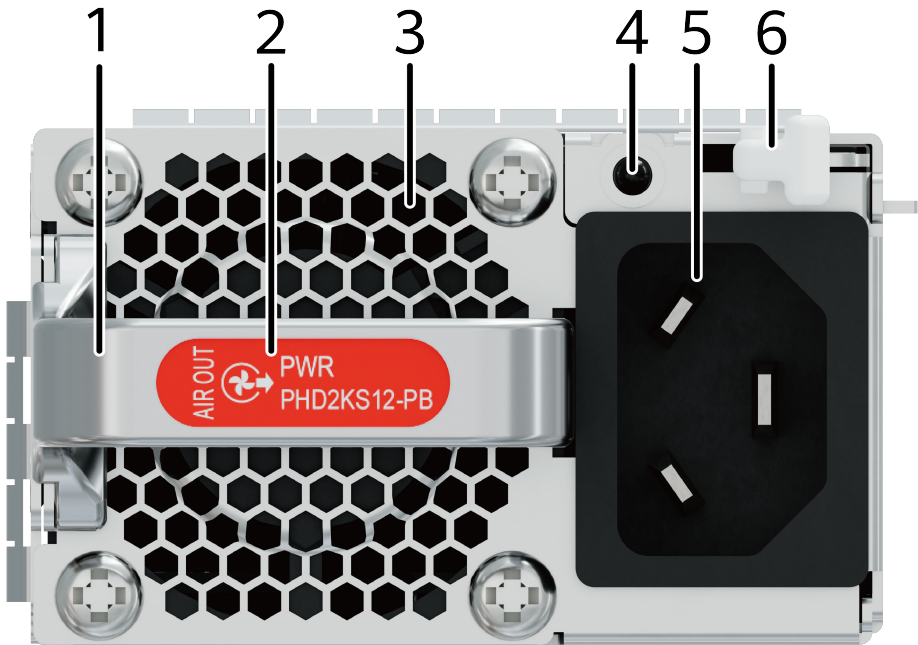
Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8855-48CD8DQ (02357FQS)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-32CQ8DQ (02356WNL)	V300R025C00	-	-	-
CloudEngine 8800	CE8855H-32CQ8DQ (02356WNM)	V300R025C00	-	-	-
CloudEngine 8800	CE8855H-32CQ8DQ (02356WNN)	V300R025C00	-	-	-
CloudEngine 8800	CE8855H-SAN-40F (02357GCX)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-SAN-40F (02357GCY)	V300R025C10	-	-	-
CloudEngine 8800	CE8855H-SAN-40F (02357GDA)	V300R025C10	-	-	-
CloudEngine 8800	CE8865-4C (02355RTA)	V300R023C10	-	-	-
CloudEngine 8800	CE8865-4C (02355RTB)	V300R023C10	-	-	-
CloudEngine 8800	CE8865-4C (02355RTC)	V300R023C10	-	-	-
CloudEngine 8800	CE8865-SAN-4C (02355SDP)	V300R023C10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 8800	CE8865-SAN-4C (02355SDQ)	V300R023C10	-	-	-
CloudEngine 8800	CE8865-SAN-4C (02355SDR)	V300R023C10	-	-	-
CloudEngine 9800	CE9855-32DQ (02355YSE)	V300R023C11	-	-	-
CloudEngine 9800	CE9855-32DQ (02355YSF)	V300R023C11	-	-	-
CloudEngine 9800	CE9865-4C (02356BCE)	V300R024C00	-	-	-
CloudEngine 9800	CE9865-4C (02356BCF)	V300R024C00	-	-	-
CloudEngine 9800	CE9865-4C (02356BCJ)	V300R024C00	-	-	-
CloudEngine 9800	CE9865-4C (02356HYJ)	V300R024C00	-	-	-
CloudEngine 9800	CE9866-128DQ (02356KVS)	V300R024C11	-	-	-
CloudEngine 9800	CE9866-128DQ (02356KVT)	V300R024C11	-	-	-
CloudEngine 9800	CE9866-64DQ (02357FQM)	V300R025C10	-	-	-
CloudEngine 9800	CE9866-64DQ (02357FQN)	V300R025C10	-	-	-

Product	Product Model	First Supported Version	Last Supported Version	Unsupported Version	Limitations
CloudEngine 9800	CE9875-128EO (02357MKW)	V300R025C10	-	-	-
CloudEngine 9800	CE9875-128EO (02357MNJ)	V300R025C10	-	-	-
CloudEngine 9800	CE9875-64EO (02357DJM)	V300R025C00	-	-	-
CloudEngine 9800	CE9875-64EO (02357GCU)	V300R025C00	-	-	-

Panel

Figure 5-52 Panel of the PHD2KS12-PB



1. Handle NOTE Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag  • : power panel side exhaust  • : power panel side intake	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

Table 5-150 Indicators on the PHD2KS12-PB

Silkscreen	Name	Color	Status	Description
-	Power indicator	Green	Steady off	1. The power input is abnormal or there is no power input. 2. The power module is faulty or power protection is triggered.
		Green	Steady on	The power module is working properly.
		Green	Blinking	Online loading

Table 5-151 Ports on the PHD2KS12-PB

Port	Description
Power cable port	Customized 380 V HVDC port

Functions and Features

Table 5-152 Functions and features of the PHD2KS12-PB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module cannot automatically resume power supply.
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module cannot automatically resume power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module cannot automatically resume power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	Air exhaust from the panel side of the power supply
Hot swapping	The power module is hot swappable.

NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-153 Technical specifications of the PHD2KS12-PB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215.0 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1 kg (2.20 lb)
Number of inputs	1
Number of outputs	1
Rated input voltage [V]	336 V DC
Input voltage range [V]	260 V DC to 400 V DC
Rated input current [A]	10 A (336 V DC)
Rated output voltage [V]	12 V
Rated output current [A]	166.7 A (260 V DC to 400 V DC)
Rated output power [W]	2000 W (260 V DC to 400 V DC)