

DS-TMP300-A16(10m)(AP) Portable EV Charger



- Adopting modular design, the device consists of status indicator unit, display unit, control unit, charging line unit, three-pin plug unit, and protection modules. Each unit is closely coordinated.
- Status indicator unit: Green breathing (available), green comet (charging), solid green (charging end), solid yellow (charger plugged in but not charging), yellow flashing (reservation countdown), and solid red (fault).
- Display unit: 1.3-inch OLED screen displaying charging information, settings, and fault information. The capacitive touch-sensitive button with high responsiveness allows you to adjust parameters flexibly.
- Control unit: Responsible for charging sampling, metering, processing, and control. Built-in temperature detection triggers automatic charging interruption protection when exceeding 85 °C.
- Charging line unit: With GB/T 20234.2-2015 standard charger interface, it is compatible with international EVs.
- Protection unit: Multi-protection functions including overvoltage, overcurrent, leakage, grounding detection, relay bonding prevention, flame resistance, waterproof, and dustproof.
- Multiple charging modes: Plug-and-charge and reservation charging.
- Supports international mode and compatible mode, and 8A/10A/13A/16A current are available. (Max. 13 A for UK plug.)
- Emergency charging: Select charging in emergency mode manually when grounding detection fails in emergency situations.

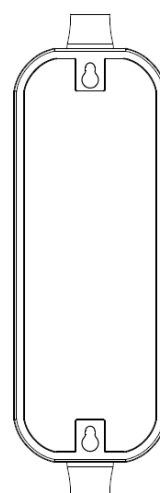
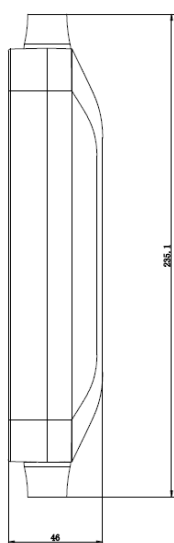
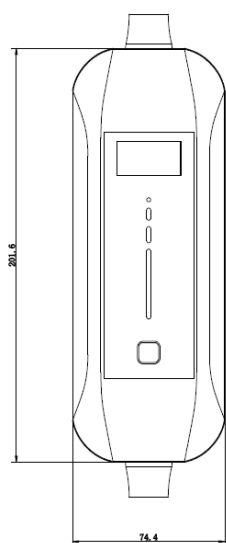
▪ Specification

Protection Property	
Input Overvoltage Protection	Support, 264 V
Input Undervoltage Protection	Support, 170 V
Output Overcurrent Protection	Support
Earth Leakage Protection	Support, 30 mA
Other Protections	Overload, grounding, lightning protection, relay bonding
Input Electrical Property	
Input Voltage	220 VAC $\pm$ 20%
Input Frequency	50/60 Hz
Rated Input Current	16A (Max. 13 A for UK plug.)
Power Plug	UK plug
Human-Machine Interaction	
Signal Indicator	Green breathing (available), green comet (charging), solid green (charging end), solid yellow (charger plugged in but not charging), yellow flashing (reservation countdown), solid red (fault).
User Interface	1.3-inch OLED screen with a capacitive touch button
Output Electrical Property	
Output Voltage Range	220 VAC $\pm$ 20%
Output Current Range	8A/10A/13A/16A available. (Max. 13 A for UK plug.)
Rated Output Power	3.5 kW. (Max. 2.8 kW for UK plug.)
Environmental Property	
Insulation Resistance	$\geq 10\text{M}\Omega$
Noise	$\leq 35\text{dB}$
Protection Level	IP66 (control box), IP55 (charger-coupled state)
Operating Environment	Indoor or outdoor.
Altitude	$\leq 2000\text{ m}$
Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Cooling Mode	Natural cooling
Others	
Charging Interface	GB/T 20234.2-2015
Charging Cable Length	10 m in total.
Installation Mode	No mounting/wall mounting
Startup Mode	Plug-and-charge and reservation charging.
Executive Standard	GB/T 20234.2-2015, GB/T 18487.1-2015 GB/T 18487.1-2023
General	
Operating Temperature	-30 °C to 50 °C (-22 °F to 122 °F)
Operating Humidity	5% to 95% (non-condensing)
Dimension	240 mm $\times$ 135 mm $\times$ 1200 mm (9.5" $\times$ 5.3" $\times$ 47")
Weight	Approx. 2.5 kg (5.5 lb)

▪ Available Model

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▪ Dimension



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