

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/26/SH/00088X

Contract Number: 801410
Certificate Project Number: SH-CERT250504297

Certified Product: DC Energy Storage System
Trademarks: PYTES
Model(s): V10 ESS, V10α ESS, V12 ESS, V12α ESS
Technical Data: See page 2

Certificate Holder: Shanghai PYTES Energy Co., Ltd.
No.3492 Jinqian Road, Qingcun Town, Fengxian District, Shanghai, 201400, China

This certificate supercedes previous certificates issued with the same certificate number. Certification is valid when products are indicated on the SGS directory of certified products at www.sgs.com or using the QR code below. The product is certified according to ISO/IEC Guide 17067, Conformity assessment - Fundamentals of product certification, System 3, and in accordance with:

ANSI/CAN/UL 9540:2023, Third Edition, Dated June 28, 2023

Certification Condition

The DC Energy Storage System is to be installed in accordance with the National Electrical Code NFPA 70 (National Electric Code) or CSA C22.1 (Canadian Electric Code) and Installation of Stationary Energy Storage Systems, NFPA 855 by end user.

Authorized by:



Effective date: 26 January 2026

Mark Lohmann
Certifier



Certification Body

Connectivity & Products, a division of SGS North America Inc.
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Additional Information:

Technical Data:

V10 ESS includes Batteries of V10 (Up to 144 in parallel) and Battery Boxes.

Battery Type LFP, Battery Voltage Range 47.5Vdc~56.8Vdc,

Max Charge / Discharge Current 150A*n (n for parallel quantity, 1~144),

Max Energy Output 9.98kWh*n (n for parallel quantity, 1~144),

Charge Temperature 0~58°C, Discharge Temperature -20~58°C, 8000 cycles.

V10α ESS includes Batteries of V10α (Up to 144 in parallel) and Battery Boxes.

Battery Type LFP, Battery Voltage Range 47.5Vdc~56.8Vdc,

Max Charge / Discharge Current 150A*n (n for parallel quantity, 1~144),

Max Energy Output 9.98kWh*n (n for parallel quantity, 1~144),

Charge Temperature 0~58°C, Discharge Temperature -20~58°C, 8000 cycles.

V12 ESS includes Batteries of V12 (Up to 144 in parallel) and Battery Boxes.

Battery Type LFP, Battery Voltage Range 47.5Vdc~56.8Vdc,

Max Charge / Discharge Current 150A*n (n for parallel quantity, 1~144),

Max Energy Output 11.776kWh*n (n for parallel quantity, 1~144),

Charge Temperature 0~58°C, Discharge Temperature -20~58°C, 8000 cycles.

V12α ESS includes Batteries of V12α (Up to 144 in parallel) and Battery Boxes.

Battery Type LFP, Battery Voltage Range 47.5Vdc~56.8Vdc,

Max Charge / Discharge Current 150A*n (n for parallel quantity, 1~144),

Max Energy Output 11.776kWh*n (n for parallel quantity, 1~144),

Charge Temperature 0~58°C, Discharge Temperature -20~58°C, 8000 cycles.

IP66

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