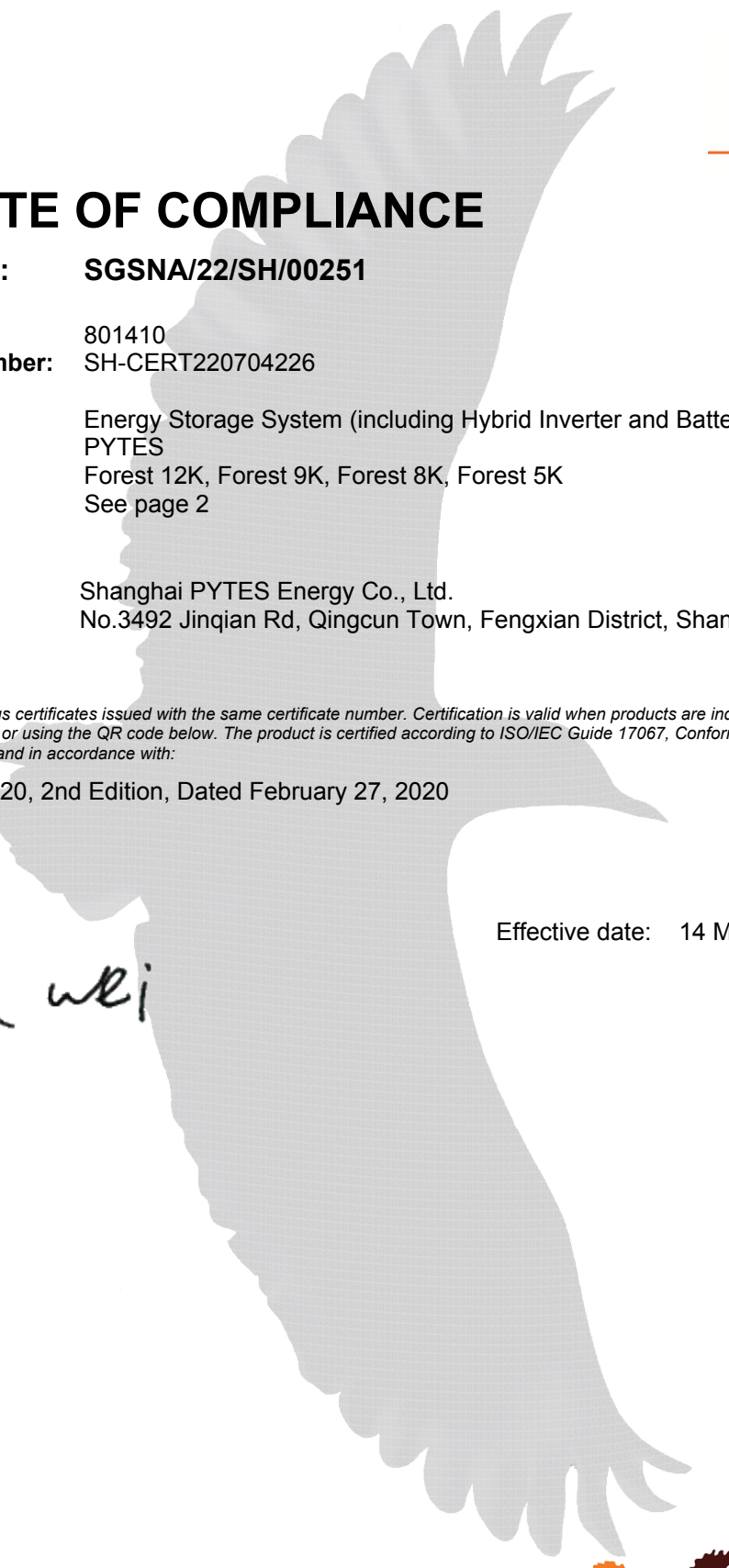




CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/22/SH/00251

Contract Number: 801410

Certificate Project Number: SH-CERT220704226

Certified Product: Energy Storage System (including Hybrid Inverter and Battery Packs)

Trademarks: PYTES

Model(s): Forest 12K, Forest 9K, Forest 8K, Forest 5K

Technical Data: See page 2

Certificate Holder: Shanghai PYTES Energy Co., Ltd.
No.3492 Jinqian Rd, 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 9540:2020, 2nd Edition, Dated February 27, 2020

Authorized by:

Effective date: 14 May 2024



Jason Wei
Certifier



Certification Body

Connectivity & Products, a division of SGS North America Inc.
620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA
t +1 770 570 1800 f +1 770 277 1240 www.sgs.com



CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/22/SH/00251

Contract Number: 801410
Certificate Project Number: SH-CERT220704226

Additional Information:

Technical Data:

Forest 12K

Sol-Ark-12K-P / E-BOX 48100R

PV Input: Max PV Input 13kW, Nominal PV Voltage Range 175~425V, Max Input Current per MPPT 20A

AC Output: Nominal AC Output Voltage 120/240V, 120/208V, 220V, Max AC Output Power 9kW, Max AC Output Current 37.5A, 60Hz, Power Factor ± 0.9

Battery: Voltage Range 47.5Vdc~57.6Vdc, Max Charge/Discharge Current 185A, Max Energy Output 61.44kWh, Charging/Discharging Temperature -10~55°C, 6000 cycles, Up to 12 battery packs in parallel

Forest 9K

Sol-Ark-9K-48-ST / E-BOX 48100R

PV Input: Max PV Input 11kW, Nominal PV Voltage Range 175~425V, Max Input Current per MPPT 18A

AC Output: Nominal AC Output Voltage 120/240V, 120/208V, 220V, Max AC Output Power 9kW, Max AC Output Current 37.5A, 60Hz, Power Factor ± 0.9

Battery: Voltage Range 47.5Vdc~57.6Vdc, Max Charge/Discharge Current 185A, Max Energy Output 61.44kWh, Charging/Discharging Temperature -10~55°C, 6000 cycles, Up to 12 battery packs in parallel

Forest 8K

Sol-Ark-8K-48-ST / E-BOX 48100R

PV Input: Max PV Input 11kW, Nominal PV Voltage Range 175~425V, Max Input Current per MPPT 18A

AC Output: Nominal AC Output Voltage 120/240V, 120/208V, 220V, Max AC Output Power 8kW, Max AC Output Current 33A, 60Hz, Power Factor ± 0.9

Battery: Voltage Range 47.5Vdc~57.6Vdc, Max Charge/Discharge Current 185A, Max Energy Output 61.44kWh, Charging/Discharging Temperature -10~55°C, 6000 cycles, Up to 12 battery packs in parallel

Forest 5K

Sol-Ark-5K-48-ST / E-BOX 48100R

PV Input: Max PV Input 6.5kW, Nominal PV Voltage Range 175~425V, Max Input Current per MPPT 10A

AC Output: Nominal AC Output Voltage 120/240V, 120/208V, 220V, Max AC Output Power 5kW, Max AC Output Current 20.8A, 60Hz, Power Factor ± 0.9

Battery: Voltage Range 47.5Vdc~57.6Vdc, Max Charge/Discharge Current 120A, Max Energy Output 61.44kWh, Charging/Discharging Temperature -10~55°C, 6000 cycles, Up to 12 battery packs in parallel

Other Ratings: IP65 for PCS, IP55 for Batteries with battery box (R-BOX-OC), IP20 for Batteries with other battery boxes or brackets.

Certification Body

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