

CERTIFICATE OF CONFORMITY

CERTIFICATO DI CONFORMITÀ

Issued to: Shanghai PYTES Energy Co., Ltd.
No. 3492 Jinqian Road, Fengxian District, Shanghai, China

For the product: Hybrid inverter

Trade name: **Pytes**

Type/Model: JS3PL8K, JS3PL10K, JS3PL12K, JS3PL15K

Ratings: See Annex

Manufactured by: Shanghai PYTES Energy Co., Ltd.
No. 3492 Jinqian Road, Fengxian District, Shanghai, China

Requirements: TOR Erzeuger Type A Version 1.3:2024-07-01
OVE-Richtlinie R 25:2020-03-01

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6241487.50

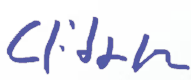
The examination has been carried out on one single specimen of the product. The certificate does not include an assessment of the minilecture's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 2031-02-26 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2026-02-26

Number: 6241487.01COC

DEKRA Testing and Certification (Shanghai) Ltd.


Cliff Lin
Certification Manager

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PCA-141

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Test basics:

TOR Erzeuger Type A Version 1.3:2024-07-01

Connection and parallel operation of Type A power generation systems and small-scale generation systems

OVE-Richtlinie R 25: 2020-03-01

Test requirements for generator units to be connected to and operated in parallel with low-voltage distribution networks

- 5.1 Testing the network perturbations
- 5.2 Testing the symmetry behavior of three-phase inverters
- 5.3 Testing the behavior of the generating unit on the network
- 5.4 Testing the automatic activation point
- 5.5 Testing the connection conditions and synchronization
- 5.6 Proof of robustness and dynamic network support

Ratings of product:

Operating temperature range: - 40°C to + 60°C

Protective class: I

Ingress protection rating: IP66

Power factor range (adjustable): 0.8 leading...0.8 lagging

JS3PL8K :

PV input: Max. 1000 Vdc, MPPT voltage range: 200-850 Vdc,

max 20 / 40 A, Isc PV: 30 / 50 A

Battery Voltage range: 40-60 V,

Max. Charge/discharge current: 180 Adc

Output: 3/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz,

Rated Power: 8 kW, Max. Apparent Power: 8 kVA,

Max. output current: 12.2 / 11.5 Aac

JS3PL10K :

PV input: Max. 1000 Vdc, MPPT voltage range: 200-850 Vdc,

max 20 / 40 A, Isc PV: 30 / 50 A

Battery Voltage range: 40-60 V,

Max. Charge/discharge current: 220 Adc

Output: 3/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz,

Rated Power: 10 kW, Max. Apparent Power: 10 kVA,

Max. output current: 15.2 / 14.4 Aac

JS3PL12K :

PV input: Max. 1000 Vdc, MPPT voltage range: 200-850 Vdc,

max 20 / 40 A, Isc PV: 30 / 50 A

Battery Voltage range: 40-60 V,

Max. Charge/discharge current: 250 Adc

Output: 3/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz,

Rated Power: 12 kW, Max. Apparent Power: 12 kVA,

Max. output current: 18.2 / 17.3 Aac

JS3PL15K :

PV input: Max. 1000 Vdc, MPPT voltage range: 200-850 Vdc,

max 40 / 40 A, Isc PV: 50 / 50 A

Battery Voltage range: 40-60 V,

Max. Charge/discharge current: 290 Adc

Output: 3/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz,

Rated Power: 15 kW, Max. Apparent Power: 15 kVA,

Max. output current: 22.8 / 21.7 Aac

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