

CERTIFICATE OF CONFORMITY

Issued to: Suzhou Hypontech Co., Ltd.
No.1508 Xiangjiang Road, SND, 215010, Suzhou, P.R. China

For the product: Grid-connected PV inverter

Trade name: 

Type/Model: HPK-1000; HPK-1500; HPK-2000; HPK-2500; HPK-3000

Ratings: See Annex

Manufactured by: Suzhou Hypontech Co., Ltd.
No.1508 Xiangjiang Road, SND, 215010, Suzhou, P.R. China

Requirements: EN 50549-1:2019, PN-EN 50549-1:2019(Requirements for type A Generating Units)
COMMISSION REGULATION (EU) 2016/631 (NC RfG)

The subject of the declaration described above complies with the requirements of the following documents for type A PGM installations:

- Conditions and procedures for using certificates in the process of connecting power generating modules to power networks, version 1.2, PTPIREE, of April 28, 2021 (PTPIREE 2021-04).
- General Application Requirements resulting from Commission Regulation (EU) 2016/631 of 14 April 2016 establishing a network code on requirements for grid connection of generators (NC RfG) – approved by the decision of the President of the Energy Regulatory Office DRE.WOSE.7128.550.2.2018.ZJ dated January 2nd 2019 (PSE 2018-12).
- Commission Regulation (EU) 2016/631 of 14 April 2016 establishing a network code on requirements for grid connection of generators, published in the Official Journal of the European Union L112/1, European Commission, 27.04.2016 (NC RfG).
- Instructions for the Operation and Maintenance of the Distribution Network of the Distribution System Operator (DSO).

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6115297.50

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

Shanghai, 20 October 2021

Certificate no: 6115297.01COC

It expires at the latest on: 28 July 2026

DEKRA Testing and Certification (Shanghai) Ltd.

Cliff Lin 
Certification Manager



© Integral publication of this certificate and adjoining reports is allowed

Accreditation of the certification body by IAS according to ISO/IEC 17065 for products.
Accreditation is valid in the areas of certification mentioned in the certificate.

PCA-141

DEKRA Testing and Certification (Shanghai) Ltd.
3F #250 Jiangchangsan Road Building 16 Headquarter Economy Park Shibe Hi-Tech Park, Jing'an District, Shanghai 200436 China
T +86 21 6056 7600 F +86 21 6056 7555 www.dekra-certification.com
ESA-CER-F013 v1.4

Annex to 6115297.01COC

Ratings of the test product:

Operating temperature range: - 25°C to + 60°C

Protective class: I

Ingress protection rating: IP65

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

HPK-1000

PV input: Max. 500 Vdc, MPPT voltage range: 50-450 Vdc, max 12.5 A, Isc PV: 15.6 A

Output: 220/230 Vac, 50/60 Hz, rated apparent power 1000VA, max apparent power 1100 VA, max 5 A

HPK-1500:

PV input: Max. 500 Vdc, MPPT voltage range: 50-450 Vdc, max 12.5 A, Isc PV: 15.6 A

Output: 220/230 Vac, 50/60 Hz, rated apparent power 1500 VA, max apparent power 1650 VA, max 7.5 A

HPK-2000:

PV input: Max. 500 Vdc, MPPT voltage range: 50-450 Vdc, max 12.5 A, Isc PV: 15.6 A

Output: 220/230 Vac, 50/60 Hz, rated apparent power 2000 VA, max apparent power 2200 VA, max 10 A

HPK-2500:

PV input: Max. 500 Vdc, MPPT voltage range: 50-450 Vdc, max 12.5 A, Isc PV: 15.6 A

Output: 220/230 Vac, 50/60 Hz, rated apparent power 2500 VA, max apparent power 2750 VA, max 12 A

HPK-3000:

PV input: Max. 500 Vdc, MPPT voltage range: 50-450 Vdc, max 12.5 A, Isc PV: 15.6 A

Output: 220/230 Vac, 50/60 Hz, rated apparent power 3000 VA, max apparent power 3300 VA, max 13.8 A