

# CERTIFICATE OF CONFORMITY

Issued to: Maitian Energy Co., Ltd.  
Room A203, Building C, No. 205, Binghai Six Road, New Airport Industry Area,  
Longwan District, Wenzhou City, Zhejiang Province, P.R. China

For the product: Grid-connected PV inverter

Trade name: 

Type/Model: S700; S1000; S1500; S2000; S2500; S3000; S3300

Ratings: See Annex

Manufactured by: Maitian Energy Co., Ltd.  
Room A203, Building C, No. 205, Binghai Six Road, New Airport Industry Area,  
Longwan District, Wenzhou City, Zhejiang Province, P.R. China

Requirements: EN 50549-1:2019, PN-EN 50549-1:2019(Requirements for type A Generating Units)  
EN 50438:2013 with deviations according the national network and system of interface  
protection for Poland  
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:

- Commission Regulation (EU) 2016/631 of 14 April 2016 establishing a network code on the requirements for connecting generating units to the network (Journal of Laws UE L 112/1 of 27 April 2016);
- General Application Requirements resulting from the Regulation of the EU Commission 2016/631 of April 14, 2016 establishing the network code on the requirements for connecting generating units to the grid - approved by the Decision of the President of the Energy Regulatory Office DRE.WOSE.7128.550.2.2018.ZJ of January 2, 2019;
- Instructions for the Operation and Maintenance of the Distribution Network of the Distribution System Operator (DSO);
- Conditions and procedures for the use of certificates in the process of connecting power generating modules to power networks, version 1.2, PTPiREE, of April 28, 2021 (PTPiREE 2021-04)

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6099517.51 V1.2

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.

DEKRA Testing and Certification (Shanghai) Ltd. declares that it is accredited in accordance with the ISO / IEC 17065, and this standard is identical with PN-EN ISO / IEC 17065 production.

Shanghai, 16 August 2021  
It expires at the latest on: 16 August 2026

Certificate no: 6099517.02COC V1.1

DEKRA Testing and Certification (Shanghai) Ltd.

Cliff Lin  
Certification Manager



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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.



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Ratings of the test product:

Operating temperature range: - 20°C to + 60°C

Protective class: I

Ingress protection rating: IP65

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

S700:

PV input: Max. 500 Vdc, MPPT voltage range: 50-500 Vdc, max 12.5 A, Isc PV: 15 A

Output: 230Vac, 50/60 Hz, rated active power 700 W, max apparent power 800 VA, max 3.5 A

S1000:

PV input: Max. 500 Vdc, MPPT voltage range: 50-500 Vdc, max 12.5 A, Isc PV: 15 A

Output: 230Vac, 50/60 Hz, rated active power 1000 W, max apparent power 1100 VA, max 4.8 A

S1500:

PV input: Max. 500 Vdc, MPPT voltage range: 50-500 Vdc, max 12.5 A, Isc PV: 15 A

Output: 230Vac, 50/60 Hz, rated active power 1500 W, max apparent power 1650 VA, max 7.2 A

S2000:

PV input: Max. 500 Vdc, MPPT voltage range: 50-500 Vdc, max 12.5 A, Isc PV: 15 A

Output: 230Vac, 50/60 Hz, rated active power 2000 W, max apparent power 2200 VA, max 9.6 A

S2500:

PV input: Max. 550 Vdc, MPPT voltage range: 50-550 Vdc, max 12.5 A, Isc PV: 15 A

Output: 230Vac, 50/60 Hz, rated active power 2500 W, max apparent power 2750 VA, max 12.0 A

S3000:

PV input: Max. 550 Vdc, MPPT voltage range: 50-550 Vdc, max 12.5 A, Isc PV: 15 A

Output: 230Vac, 50/60 Hz, rated active power 3000 W, max apparent power 3300 VA, max 14.3 A

S3300:

PV input: Max. 550 Vdc, MPPT voltage range: 50-550 Vdc, max 12.5 A, Isc PV: 15 A

Output: 230Vac, 50/60 Hz, rated active power 3300 W, max apparent power 3300 VA, max 14.3 A