

# ATTESTATION 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: E3000, E3600, E4600, E5000, E5300, E6000  
F3000, F3600, F4600, F5000, F5300, F6000

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 (Requirements for type A Generating Units)  
EN 50438:2013 with deviations according the national network and system of  
interface protection for Portugal

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6082064.52

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation 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.

Arnhem, 31 August 2020

Number: 6082064.03AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin  
Certification Manager



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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

E3000 / F3000:

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5A /12.5 A, Isc PV: 15 A/15 A

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

E3600 / F3600:

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5A /12.5 A, Isc PV: 15 A/15 A

Output: 230Vac, 50 Hz , rated apparent power 3600 VA, max apparent power 3960 VA, max 17.2 A

E4600 / F4600:

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5A /12.5 A, Isc PV: 15 A/15 A

Output: 230Vac, 50 Hz , rated apparent power 4600 VA, max apparent power 5060 VA, max 22.0 A

E5000 / F5000:

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5A /12.5 A, Isc PV: 15 A/15 A

Output: 230Vac, 50 Hz , rated apparent power 5000 VA, max apparent power 5500 VA, max 23.9 A

E5300 / F5300:

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5A /12.5 A, Isc PV: 15 A/15 A

Output: 230Vac, 50 Hz , rated apparent power 5300 VA, max apparent power 5830 VA, max 25.3 A

E6000 / F6000:

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5A /12.5 A, Isc PV: 15 A/15 A

Output: 230Vac, 50 Hz , rated apparent power 6000 VA, max apparent power 6000 VA, max 26.1 A