

# 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: FOXESS

Type/Model: 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 62109-1:2010  
EN 62109-2:2011

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6092614.50(A-B)

This Attestation implies that the examined types are in accordance with the standards designated under the Low Voltage Directive (LVD) 2014/35/EU.

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.

The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.

Arnhem, 21 April 2021

Number: 6092614.01AOC

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

**F3000:**

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5 A /12.5 A, Isc PV: 15 A/15 A  
Output: 230 Vac, 50/60 Hz, rated apparent power 3000VA, max apparent power 3300 VA, rated 13.0 A, max 14.3 A

**F3600:**

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5 A /12.5 A, Isc PV: 15 A/15 A  
Output: 230 Vac, 50/60 Hz, rated apparent power 3600 VA, max apparent power 3960 VA, rated 15.7 A, max 17.2 A

**F4600:**

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5 A /12.5 A, Isc PV: 15 A/15 A  
Output: 230 Vac, 50/60 Hz, rated apparent power 4600 VA, max apparent power 5060 VA, rated 20.0 A, max 22.0 A

**F5000:**

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5 A /12.5 A, Isc PV: 15 A/15 A  
Output: 230 Vac, 50/60 Hz, rated apparent power 5000 VA, max apparent power 5500 VA, rated 21.7 A, max 23.9 A

**F5300:**

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5 A /12.5 A, Isc PV: 15 A/15 A  
Output: 230 Vac, 50/60 Hz, rated apparent power 5300 VA, max apparent power 5830 VA, rated 23.0 A, max 25.3 A

**F6000:**

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5 A /12.5 A, Isc PV: 15 A/15 A  
Output: 230 Vac, 50/60 Hz, rated apparent power 6000 VA, max apparent power 6000 VA, rated 26.1 A, max 26.1 A