

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:

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 (Requirements for type A Generating Units)
EN 50438:2013 with deviations according to 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. 6082063.53 V1.1

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, 30 December 2020

Number: 6082063.04AOC V1.1

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

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Annex to 6082063.04AOC V1.1

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