

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: T3, T4, T5, T6, T8, T10, T12, T15, T17, T20, T25

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)

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6089268.51

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, 17 November 2020

Number: 6089268.02AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

A handwritten signature in black ink, appearing to read "Kreny Lin", positioned over the printed name and title.

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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

T3:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-850 Vdc, max: 12.5/12.5 A, Isc PV: 16.25/16.25 A
Output: 3/N/PE, 400 Vac, 50 Hz, rated 4.3 A, max 4.8 A, rated 3000 VA, max 3300 VA

T4:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-850 Vdc, max: 12.5/12.5 A, Isc PV: 16.25/16.25 A
Output: 3/N/PE, 400 Vac, 50 Hz, rated 5.8 A, max 6.4 A, rated 4000 VA, max 4400 VA

T5:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-850 Vdc, max: 12.5/12.5 A, Isc PV: 16.25/16.25 A
Output: 3/N/PE, 400 Vac, 50 Hz, rated 7.2 A, max 8.0 A, rated 5000 VA, max 5500 VA

T6:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-850 Vdc, max: 12.5/12.5 A, Isc PV: 16.25/16.25 A
Output: 3/N/PE, 400 Vac, 50 Hz, rated 8.7 A, max 9.6 A, rated 6000 VA, max 6600 VA

T8:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-850 Vdc, max: 12.5/12.5 A, Isc PV: 16.25/16.25 A
Output: 3/N/PE, 400 Vac, 50 Hz, rated 11.6 A, max 12.8 A, rated 8000 VA, max 8800 VA

T10:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-850 Vdc, max: 12.5/12.5 A, Isc PV: 16.25/16.25 A
Output: 3/N/PE, 400 Vac, 50 Hz, rated 14.5 A, max 15.9 A, rated 10000 VA, max 11000 VA

T12:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-850 Vdc, max: 12.5/12.5 A, Isc PV: 16.25/16.25 A
Output: 3/N/PE, 400 Vac, 50 Hz, rated 17.4 A, max 19.1 A, rated 12000 VA, max 13200 VA

T15:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-850 Vdc, max: 25.0/12.5 A, Isc PV: 32.5/16.25 A
Output: 3/N/PE, 400 Vac, 50 Hz, rated 21.7 A, max 23.9 A, rated 15000 VA, max 16500 VA

T17:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-850 Vdc, max: 25.0/25.0 A, Isc PV: 32.5/32.5 A
Output: 3/N/PE, 400 Vac, 50 Hz, rated 24.6 A, max 27.1 A, rated 17000 VA, max 18700 VA

T20:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-850 Vdc, max: 25.0/25.0 A, Isc PV: 32.5/32.5 A
Output: 3/N/PE, 400 Vac, 50 Hz, rated 29.0 A, max 31.9 A, rated 20000 VA, max 22000 VA

T25:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-850 Vdc, max: 25.0/25.0 A, Isc PV: 32.5/32.5 A
Output: 3/N/PE, 400 Vac, 50 Hz, rated 36.2 A, max 39.9 A, rated 25000 VA, max 27500 VA