

ATTESTATION OF CONFORMITY

Issued to: Blue Mountain Energy Ltd
27 Old Gloucester street London

For the product: Grid-connected PV Inverter



Trade name:

Type/Model: i3.0T, i4.0T, i5.0T, i6.0T, i8.0T, i10.0T, i12.0T, i15.0T, i17.0T, i20.0T, i25.0T

Ratings: See Annex

Manufactured by: Blue Mountain Energy Ltd
27 Old Gloucester street London

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. 6090045.50(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, 6 January 2021

Number: 6090045.01AOC

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

i3.0T:

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

i4.0T:

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

i5.0T:

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

i6.0T:

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

i8.0T:

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

i10.0T:

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

i12.0T:

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

i15.0T:

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

i17.0T:

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

i20.0T:

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

i25.0T:

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