

ATTESTATION OF CONFORMITY

Issued to: Hoymiles Power Electronics Inc.
No.18 Kangjing Road, Hangzhou, Zhejiang Province, P.R. China

For the product: PV Microinverter

Trade name:



Type/Model: HM-250, HM-250A, HM-250T
HM-300, HM-300A, HM-300T
HM-350, HM-350A, HM-350T
HM-400, HM-400A, HM-400T
HMS-250-1A, HMS-250-1D, HMS-250-1T
HMS-300-1A, HMS-300-1D, HMS-300-1T
HMS-350-1A, HMS-350-1D, HMS-350-1T
HMS-400-1A, HMS-400-1D, HMS-400-1T
HMS-450-1A, HMS-450-1D, HMS-450-1T
HMS-500-1A, HMS-500-1D, HMS-500-1T

Ratings: See Annex

Manufactured by: Hoymiles Power Electronics Inc.
No.18 Kangjing Road, Hangzhou, Zhejiang Province, P.R. China

Requirements: TOR Erzeuger Type A Version 1.1:2019
OVE-Richtlinie R 25:2020

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no.6094000.50

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, 15 April 2021

Number: 6094000.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

A handwritten signature in black ink that reads 'Kreny Lin'.

Kreny Lin
Certification Manager

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Annex to 6094000.01AOC

Ratings of the test product:

Operating temperature range: - 40°C to + 65°C

Protective class: I

Ingress protection rating: IP67

Power factor range (adjustable): 0.8 leading...0.8 lagging

HM-250 / HM-250A / HM-250T:

PV input: Max. 60 Vdc, Peak Power MPPT voltage range: 27-48 Vdc, max 10.5 A, I_{sc} PV: 15.0 A

Output: 230 Vac, 50 Hz / 60 Hz, max 250 VA, max 1.25 A

HMS-250-1A / HMS-250-1D / HMS-250-1T:

PV input: Max. 60 Vdc, Peak Power MPPT voltage range: 27-48 Vdc, max 10.5 A, I_{sc} PV: 15.0 A

Output: 230 Vac, 50 Hz / 60 Hz, max 250 VA, max 1.09 A

HM-300 / HM-300A / HM-300T:

PV input: Max. 60 Vdc, Peak Power MPPT voltage range: 29-48 Vdc, max 11.5 A, I_{sc} PV: 15.0 A

Output: 230 Vac, 50 Hz / 60 Hz, max 300 VA, max 1.5 A

HMS-300-1A / HMS-300-1D / HMS-300-1T:

PV input: Max. 60 Vdc, Peak Power MPPT voltage range: 29-48 Vdc, max 11.5 A, I_{sc} PV: 15.0 A

Output: 230 Vac, 50 Hz / 60 Hz, max 300 VA, max 1.3 A

HM-350 / HM-350A / HM-350T:

PV input: Max. 60 Vdc, Peak Power MPPT voltage range: 33-48 Vdc, max 11.5 A, I_{sc} PV: 15.0 A

Output: 230 Vac, 50 Hz / 60 Hz, max 350 VA, max 1.75 A

HMS-350-1A / HMS-350-1D / HMS-350-1T:

PV input: Max. 60 Vdc, Peak Power MPPT voltage range: 33-48 Vdc, max 11.5 A, I_{sc} PV: 15.0 A

Output: 230 Vac, 50 Hz / 60 Hz, max 350 VA, max 1.52 A

HM-400 / HM-400A / HM-400T:

PV input: Max. 60 Vdc, Peak Power MPPT voltage range: 34-48 Vdc, max 12.5 A, I_{sc} PV: 15.0 A

Output: 230 Vac, 50 Hz / 60 Hz, max 400 VA, max 2 A

HMS-400-1A / HMS-400-1D / HMS-400-1T:

PV input: Max. 60 Vdc, Peak Power MPPT voltage range: 34-48 Vdc, max 12.5 A, I_{sc} PV: 15.0 A

Output: 230 Vac, 50 Hz / 60 Hz, max 400 VA, max 1.74 A

HMS-450-1A / HMS-450-1D / HMS-450-1T:

PV input: Max. 60 Vdc, Peak Power MPPT voltage range: 36-48 Vdc, max 13.3 A, I_{sc} PV: 15.0 A

Output: 230 Vac, 50 Hz / 60 Hz, max 450 VA, max 1.96 A

HMS-500-1A / HMS-500-1D / HMS-500-1T:

PV input: Max. 60 Vdc, Peak Power MPPT voltage range: 38-48 Vdc, max 14 A, I_{sc} PV: 15.0 A

Output: 230 Vac, 50 Hz / 60 Hz, max 500 VA, max 2.17 A