

# ATTESTATION OF CONFORMITY

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

For the product: Hybrid inverter



Trade name:

Type/Model: HY3-5000HV, HY3-6000HV, HY3-8000HV, HY3-10000HV

Ratings: See annex

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

Requirements: EN 50549-1:2019  
Compliant with COMMISSION REGULATION(EU) 2016/631(NC RfG)

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6098634.50

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, 7 July 2021

Number: 6098634.03AOC

DEKRA Testing and Certification (Shanghai) Ltd.

A handwritten signature in black ink, appearing to read 'Kreny Lin'.

Kreny Lin  
Certification Manager

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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

**HY3-5000HV:**

PV input: Max. 1000 Vdc, MPPT voltage range: 230-800 Vdc, max 11 A /11 A, Isc PV: 14 A /14A  
AC output to grid: 3/N/PE, 400/230 Vac, 50/60 Hz, max 8.0 A, max 5000 VA, power factor: [-0.80 to 0.80]  
Battery: Type: Lithium, Voltage range: 170 V-500 Vdc, max continuous charge/discharge current: 50 A  
EPS input from grid: 3/N/PE, 360~440 Vac, 50/60 Hz, max 8.0 A  
EPS output: 3/N/PE, 380 Vac, 50/60 Hz, rated 7.2 A, rated 5000 VA, power factor: [-0.80 to 0.80]

**HY3-6000HV:**

PV input: Max. 1000 Vdc, MPPT voltage range: 280-800 Vdc, max 11 A /11 A, Isc PV: 14 A /14 A  
AC output to grid: 3/N/PE, 400/230 Vac, 50/60 Hz, max 9.6 A, max 6000VA, power factor: [-0.80 to 0.80]  
Battery: Type: Lithium, Voltage range: 170 V-500 Vdc, max continuous charge/discharge current: 50 A  
EPS input from grid: 3/N/PE, 360~440 Vac, 50/60 Hz, max 9.6 A  
EPS output: 3/N/PE, 380 Vac, 50/60 Hz, rated 8.7 A, rated 6000 VA, power factor: [-0.80 to 0.80]

**HY3-8000HV:**

PV input: Max. 1000 Vdc, MPPT voltage range: 370-800 Vdc, max 11 A /11 A, Isc PV: 14 A /14 A  
AC output to grid: 3/N/PE, 400/230 Vac, 50/60 Hz, max 12.8 A, max 8000 VA, power factor: [-0.80 to 0.80]  
Battery: Type: Lithium, Voltage range: 170 V-500 Vdc, max continuous charge/discharge current: 50 A  
EPS input from grid: 3/N/PE, 360~440 Vac, 50/60 Hz, max 11.2 A  
EPS output: 3/N/PE, 380 Vac, 50/60 Hz, rated 11.6 A, rated 8000 VA, power factor: [-0.80 to 0.80]

**HY3-10000HV:**

PV input: Max. 1000 Vdc, MPPT voltage range: 330-800 Vdc, max 11 A /20 A, Isc PV: 14 A /23 A  
AC output to grid: 3/N/PE, 400/230 Vac, 50/60 Hz, max 16.0 A, max 10000VA, power factor: [-0.80 to 0.80]  
Battery: Type: Lithium, Voltage range: 170 V-500 Vdc, max continuous charge/discharge current: 50 A  
EPS input from grid: 3/N/PE, 360~440 Vac, 50/60 Hz, max 11.2 A  
EPS output: 3/N/PE, 380 Vac, 50/60 Hz, rated 14.5 A, rated 10000 VA, power factor: [-0.80 to 0.80]