

# CERTIFICATE OF CONFORMITY

Issued to: EcoFlow Inc.  
1st Floor, Building 1, Plant E, Jiehe Industrial City, Shuitian Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

For the product: Hybrid Inverter

Trade name:



Type/Model: EF HD-P3-6K0-S1, EF HD-P3-8K0-S1, EF HD-P3-10K-S1, EF HD-P3-12K-S1

Ratings: See Annex

Manufactured by: EcoFlow Inc.  
1st Floor, Building 1, Plant E, Jiehe Industrial City, Shuitian Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Requirements: EN 50549-1:2019

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 4917022.50.

The examination has been carried out on one single specimen of the product. 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.

This Test Certificate expires at the latest on 25 April 2029 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 25 April 2024

Number: 4917022.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

Cliff Lin  
Certification Manager

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PCA-141

The subject of the certification described above complies with the requirements of the following documents for type A PGM installations:

- a) Commission Regulation (EU) 2016/631 of 14 April 2016 establishing a network code on requirements for grid connection of generators (Journal of Laws UE L 112/1 of 27 April 2016) (NC RfG);
- b) The national deviation of Netherlands: consulted on 21-08-2023. Valid from 10-06-2023 to today.

**Ratings:**

Operating temperature range: - 20°C to + 50°C

Protective class: I

Ingress protection rating: IP65

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

**EF HD-P3-6K0-S1**

PV input: max 1000 Vdc, MPPT voltage range 200-850 Vdc, max 16 A / 16 A, Isc PV 24 A / 24 A

Battery: rated voltage 800 Vdc, max current 12.5 A, max power 6 kW

AC input: 3L+N+PE, 230/400 Vac, 50/60 Hz, max 12 kVA, max 17.4 A

Grid output: 3L+N+PE, 230/400 Vac, 50/60 Hz, max 6 kVA, max 8.7 A

Backup output: 3L+N+PE, 230/400 Vac, 50/60 Hz, rated 6 kW, max 10.4 A

**EF HD-P3-8K0-S1**

PV input: max 1000 Vdc, MPPT voltage range 200-850 Vdc, max 16 A / 16 A, Isc PV 24 A / 24 A

Battery: rated voltage 800 Vdc, max current 12.5 A, max power 8 kW

AC input: 3L+N+PE, 230/400 Vac, 50/60 Hz, max 16 kVA, max 23.1 A

Grid output: 3L+N+PE, 230/400 Vac, 50/60 Hz, max 8 kVA, max 11.5 A

Backup output: 3L+N+PE, 230/400 Vac, 50/60 Hz, rated 8 kW, max 13.9 A

**EF HD-P3-10K-S1**

PV input: max 1000 Vdc, MPPT voltage range 200-850 Vdc, max 16 A / 16 A, Isc PV 24 A / 24 A

Battery: rated voltage 800 Vdc, max current 12.5 A, max power 10 kW

AC input: 3L+N+PE, 230/400 Vac, 50/60 Hz, max 16 kVA, max 23.1 A

Grid output: 3L+N+PE, 230/400 Vac, 50/60 Hz, max 10 kVA, max 14.4 A

Backup output: 3L+N+PE, 230/400 Vac, 50/60 Hz, rated 10 kW, max 17.4 A

**EF HD-P3-12K-S1**

PV input: max 1000 Vdc, MPPT voltage range 200-850 Vdc, max 16 A / 16 A, Isc PV 24 A / 24 A

Battery: rated voltage 800 Vdc, max current 15 A, max power 12 kW

AC input: 3L+N+PE, 230/400 Vac, 50/60 Hz, max 16 kVA, max 23.1 A

Grid output: 3L+N+PE, 230/400 Vac, 50/60 Hz, max 12 kVA, max 17.4 A

Backup output: 3L+N+PE, 230/400 Vac, 50/60 Hz, rated 12 kW, max 20.9 A

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