

CERTIFICATE OF CONFORMITY

Issued to: EcoFlow Inc.
RM 401, Plant #1, Runheng Industrial Zone, Fuyuan Road, Zhancheng Community,
Fuhai Street, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

For the product: EcoFlow PowerOcean Hybrid Inverter

Trade name:  or 
EcoFlow

Type/Model: EF HD-P1-3K-S1, EF HD-P1-3.68K-S1, EF HD-P1-4.6K-S1, EF HD-P1-5K-S1,
EF HD-P1-6K-S1

Ratings: See Annex

Manufactured by: EcoFlow Inc.
RM 401, Plant #1, Runheng Industrial Zone, Fuyuan Road, Zhancheng Community,
Fuhai Street, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

Requirements: EN 50549-1:2019 (Requirements for type A Generating Units)
COMMISSION REGULATION (EU) 2016/631 (NC RfG)

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6182354.50

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 10 May 2029 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 10 May 2024

Number: 6182354.01COC

DEKRA Testing and Certification (Shanghai) Ltd.


Cliff Lin
Certification Manager

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ESA-CER-F021 v3.0

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Ratings of the test product:

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-P1-3K-S1:

PV input: Max 600 Vdc, U_{MPP} : 90~520 Vdc, Max 18 / 18 A, Isc PV: 20 / 20A

Battery: Lithium, Rated voltage: 790 Vdc, Max: 800 Vdc, Rated Current / Max Current: 7.6A / 7.6A

AC Grid / AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, 3000 VA, Max 15A / 16A

Back up: 220 / 230 / 240 Vac, 50 / 60 Hz, 3000 VA, Max 16 A

EF HD-P1-3.68K-S1:

PV input: Max 600 Vdc, U_{MPP} : 90~520 Vdc, Max 18 / 18 A, Isc PV: 20 / 20A

Battery: Lithium, Rated voltage: 790 Vdc, Max: 800 Vdc, Rated Current / Max Current: 7.6A / 7.6A

AC Grid / AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, 3680 VA, Max 18.4A / 19.7A

Back up: 220 / 230 / 240 Vac, 50 / 60 Hz, 3680 VA, Max 19.7 A

EF HD-P1-4.6K-S1:

PV input: Max 600 Vdc, U_{MPP} : 90~520 Vdc, Max 18 / 18 A, Isc PV: 20 / 20A

Battery: Lithium, Rated voltage: 790 Vdc, Max: 800 Vdc, Rated Current / Max Current: 7.6A / 7.6A

AC Grid / AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, 4600 VA, Max 23A / 24.6 A

Back up: 220 / 230 / 240 Vac, 50 / 60 Hz, 4600 VA, Max 24.6 A

EF HD-P1-5K-S1:

PV input: Max 600 Vdc, U_{MPP} : 90~520 Vdc, Max 18 / 18 A, Isc PV: 20 / 20A

Battery: Lithium, Rated voltage: 790 Vdc, Max: 800 Vdc, Rated Current / Max Current: 7.6A / 7.6A

AC Grid / AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, 5000 VA, Max 25A / 26.7 A

Back up: 220 / 230 / 240 Vac, 50 / 60 Hz, 5000 VA, Max 26.7 A

EF HD-P1-6K-S1:

PV input: Max 600 Vdc, U_{MPP} : 90~520 Vdc, Max 18 / 18 A, Isc PV: 20 / 20A

Battery: Lithium, Rated voltage: 790 Vdc, Max: 800 Vdc, Rated Current / Max Current: 7.6A / 8.4A

AC Grid / AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, 6000 VA, Max 30A / 32 A

Back up: 220 / 230 / 240 Vac, 50 / 60 Hz, 6000 VA, Max 32 A

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