CERTIFICATE OF CONFORMITY

Issued to:	EcoFlow Inc. RM 401, Plant #1, Runheng Industrial Zone, Fuyuanyi Road, Zhancheng Community, Fuhai Street, Bao'an District, Shenzhen City, Guangdong Province, China
For the product:	EcoFlow PowerOcean Plus Hybrid Inverter
Trade name:	ECOFLOW
Type/Model:	EF HD-P3-29K9-S1, EF HD-P3-25K0-S1, EF HD-P3-20K0-S1, EF HD-P3-18K0-S1, EF HD-P3-15K0-S1, EF HD-P3-12K0-S1
Ratings:	See annex
Manufactured by:	EcoFlow Inc. RM 401, Plant #1, Runheng Industrial Zone, Fuyuanyi Road, Zhancheng Community, Fuhai Street, Bao'an District, Shenzhen City, Guangdong Province, China
Requirements:	EN 50549-1:2019 EN 50549-1:2019/A1:2023 EN 50549-10:2022

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 4952680.51.

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 this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 14 February 2031 or expires upon withdrawal of one of the above-mentioned standards.

Shanghai, 14 February 2026 Number: 4952680.02COC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

PCA-141

DEKRA Testing and Certification (Shanghai) Ltd.
No.250, Jiangchangsan Road, Jing'an District, Shanghai, 200436 People's Republic of China
T +86 21 6056 7600 F +86 21 6056 7555 www.dekra-product-safety.com

Annex to 4952680.02COC

Ratings of the testing Hybrid Inverter:

Model		EF HD-P3-29K9-S1	EF HD-P3-25K0-S1	EF HD-P3-20K0-S1	EF HD-P3-18K0-S1	EF HD-P3-15K0-S1	EF HD-P3-12K0-S1
PV Input	$V_{MAX\ PV}$ [V_{DC}]	1000					
	$I_{SC\ PV}$ [A_{DC}]	PV1 19/19, PV2&3 24/24					
	MPPT Voltage Range V_{MPP} [V_{DC}]	200-850					
	Max. Input Current I_{MAX} [A_{DC}]	PV1 16/16, PV2&3 16/16					
	MPPT Full Power Voltage Range [V_{DC}]	200-850					
	Number of MPPT	3					
	String per MPPT	PV1 2, PV2/3 1/1					
	Overvoltage Category (OVC)	II					
Battery	Rated input voltage [V_{DC}]	800					
	Input voltage range [V_{DC}]	750~960					
	Max. charge/ Discharge current [A_{DC}]	40.0	33.3	26.6	40	33.3	26.6
	Max. charge/ Discharge Power [kW]	29.9	25.0	20.0	29.9	25.0	20.0
	Battery Type	Li-ion					
AC input/output (Grid Side)	Rated Voltage [V_{AC}]	230/400, 3L/N/PE			230, 3L/PE		
	Rated Frequency [Hz]	50					
	Max. Input Current [A_{AC}]	63.0					
	Rated Power [kW]	29.9	25	20	18	15	12
	Max. Apparent power [kVA]	29.9	25	20	18	15	12
	Rated output Current [A_{AC}]	43.3	36.2	29	45.2	37.6	30.1
	Power Factor cosφ [λ]	-0.8 leading to +0.8 lagging (adjustable)					
	Overvoltage Category (OVC)	III					
AC Output (Back-up)	Rated Output Voltage [V_{AC}]	230/400, 3L/N/PE			230, 3L/PE		
	Rated Output Frequency [Hz]	50					
	Rated Output Current [A_{AC}]	43.3	36.2	29.0	45.2	37.6	30.1
	Rated Output Power [kW]	29.9	25	20	18	15	12
	Max. Apparent power [kVA]	35.9@1s	30.0@1s	24.0@1s	21.6@1s	18.0@1s	14.4@1s
	Max. Output Current (off-grid) [A_{AC}]	52.0@1s	43.4@1s	34.8@1s	54.2@1s	26.0@1s	36.1@1s
	Overvoltage Category (OVC)	III					
General	Type of inverter	Non-Isolated					
	Type of NS Protection	Integrated					
	Protective Class	Class I					
	Enclosure Protection (IP)	IP65					
	Operating Temperature Range [ºC]	-20°C to +50°C (45°C with derating)					
	Pollution degree	PD2(internal), PD3(outside)					
	Altitude [m]	3000					
	Size (W*H*D) [mm]	636*235*498 (without trim cover)					
	Weight [kg]	41					

--- End ---