

Certificate of Conformity (COC)



Certificate Holder : EcoFlow Inc.
Room 401, Plant #1, Runheng Industrial Zone, Fuyuan Road, Zhancheng Community, Fuhai Street,
Bao'an, Shenzhen, Guangdong, China

Date of Original Issue : 2025-01-13



Date of Last Revision : --

Date of Expiry : 2028-01-12

Certificate Number : PCS-24-1193

Product : EcoFlow PowerOcean Plus Hybrid Inverter

Ratings : See appendix on page 2

Brand/Trademark :  or 

Model(s) : EF HD-P3-29K9-S1, EF HD-P3-25K0-S1, EF HD-P3-20K0-S1, EF HD-P3-15K0-S1

Test Laboratory : SGS-CSTC Standards Technical Services Co., Ltd. Suzhou Branch

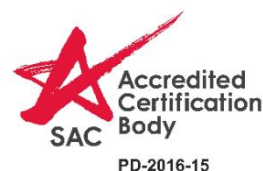
Testing Report : SUEE241200013551

Test Standard(s) : OVE-Richtlinie R 25:2020, TOR D2, (Version 2.4) and TOR Erzeuger (for Type A):2022



This is to certify that the product has been tested and was found to comply with the requirements of the standard(s).
The above-mentioned product is certified according to the requirements of ISO/IEC 17065:2012.

Christopher Hee
Certification Officer



SGS Testing & Control Services Singapore Pte Ltd
30 Boon Lay Way #03-01 Singapore 609957



SGS

SGS

SGS

SGS

SGS

SGS

SGS

Model	EF HD-P3-29K9-S1	EF HD-P3-25K0-S1	EF HD-P3-20K0-S1	EF HD-P3-15K0-S1
Input				
Vmax PV (Vdc)	1000			
Start-up Voltage (Vdc)	160			
MPPT Voltage Range (Vdc)	200-850			
Isc PV (absolute Max.) (A)	PV1 19/19, PV2/3 24/24			
Number of MPP trackers	3			
Max. PV input current (A)	PV1 16/16, PV2/3 16/16			
Battery (charge / discharge)				
Battery Nominal Voltage (V)	800			
Max Battery Voltage (V)	960			
Max. Current (A)	40.0	33.3	26.6	20.0
AC Input (Grid Side)				
Normal AC Voltage (Vac)	400/230, 3L/N/PE			
Frequency (Hz)	50			
Max. input current (A)	63.0			
Power factor(adjustable)	-0.8 ~ +0.8			
AC Output (Grid Side)				
Normal AC Voltage (Vac)	400/230, 3L/N/PE			
Frequency (Hz)	50			
Rated output Current (A)	43.3	36.2	29.0	21.7
Rated apparent output Power (VA)	29900	25000	20000	15000
Max. apparent output Power (VA)	29900	25000	20000	15000
Power factor(adjustable)	-0.8 ~ +0.8			
AC Output (Back-up)				
Normal Voltage (Vac)	3L/N/PE 400/230			
Frequency (Hz)	50			
Rated output Current (A)	43.3	36.2	29.0	21.7
Max. output Current (Off-Grid) (A)	52.0@1s	43.4@1s	34.8@1s	26.0@1s
Normal apparent output Power (VA)	29900	25000	20000	15000
Max. apparent output Power (VA)	35880@1s	30000@1s	24000@1s	18000@1s
Others				
Ingress protection (IP)	IP65			
Protective class	Class I			
Temperature (°C)	-20°C to +50°C			
Cooling Method	Intelligent air cooling			
Inverter Isolation	Non-isolated			
Overvoltage category	II (PV), III (Mains)			
Dimensions (W*D*H)	636*235*498mm (without trim cover)			
Weight	41.0 kg			
Altitude	3000m			
Topology	Transformerless			

