

VERIFICATION OF COMPLIANCE

No.:	GZES2502002628PV
Applicant:	EcoFlow Inc. Room 401, Plant #1, Runheng Industrial Zone, Fuyuan Road, Zhancheng Community, Fuhai Street, Bao'an, Shenzhen, Guangdong, China
Manufacturer:	EcoFlow Inc. Room 401, Plant #1, Runheng Industrial Zone, Fuyuan Road, Zhancheng Community, Fuhai Street, Bao'an, Shenzhen, Guangdong, China
Product Name:	EcoFlow STREAM Ultra / EcoFlow STREAM Pro
Product Description:	Inverter used in PV system
Model No.:	EF-EA-HD-U2K-800, EF-EA-HD-P2K-800, EF-EA-HD-U2K-600, EF-EA-HD-P2K-600
Trade Mark:	
Rating:	See page 2
Protection against Electric Shock:	Class I
Degree of Protection:	IP65
Additional Information:	Software version: 1.0.0.117 Hardware version: V0.1.2
Sufficient samples of the product have been tested and found to be in conformity with	
Test Standard:	IEC 62109-1:2010 IEC 62109-2:2011
as shown in the	GZES250200262801
Test Report Number(s):	GZES250200262802

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. On sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.


David Guo

Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd.

2025-04-09

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SGS-CSTC Standards Technical Services Co., Ltd.
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www.sgsgroup.com.cn
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Other information added:

Rating:

Rating specifications of EcoFlow STREAM Ultra / EcoFlow STREAM Pro				
Model	EF-EA-HD-U2K-800	EF-EA-HD-U2K-600	EF-EA-HD-P2K-800	EF-EA-HD-P2K-600
PV Terminal:				
Max. PV Input Voltage (V)	60			
Max. PV Input Current (A)	14			
Max. Isc PV (A)	20			
Max. MPPT Input Power (W)	2000			1500
Number of MPP trackers	4			3
Operation Voltage Range (V)	15 - 60			
Battery Info:				
Rated Voltage (V)	19.2			
Rated Capacity (kWh)	1.92			
Cell Chemistry	LiFePO ₄			
Grid Terminal:				
Rated Output Voltage (V)	230, L/N/PE			
Rated Output Power (W)	800	600	800	600
Rated Output Current (A)	3.48	2.61	3.48	2.61
Rated Frequency (Hz)	50			
Power factor (adjustable)	-0.8 ~ +0.8			
Max. Input Power (W)	2300			
Max. Input Current (A)	10			
Parallet Terminal:				
Max. Input / Output Power (W)	2300			
Max. Input / Output Current (A)	10			
Rated Output Voltage (V)	230, L/N/PE			
Power factor (adjustable)	-0.8 ~ +0.8			
Others:				
Ingress protection (IP)	IP65			
Protective class	Class I			
Operating / Storage Temperature (°C)	-20°C to +55°C, with derating above 35°C			
Cooling Method	National Convection			
Inverter Isolation	Isolated			
Overvoltage category	II (DC), III (AC)			
Dimensions (W*D*H)	255*284*458 mm			
Weight (kg)	23.1			22.8
Operating Altitude (m)	≤ 4000			
Topology	Transformer			

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