

VERIFICATION OF COMPLIANCE

No.: LVD 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:  **EcoFlow**

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: EN 62109-1:2010
EN 62109-2:2011

as shown in the

Test Report Number(s): GZES250200262801
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 harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.



David Guo

Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd.

2025-04-09

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS-CSTC Standards Technical Services Co., Ltd.
16F, Century Yu Hui Mansion, No.73, Fucheng Road, Haidian
District, Beijing, 100142, CHINA
www.sgsgroup.com.cn
Member of the SGS Group (SGS SA)

No.:

LVD GZES2502002628PV

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			

David Guo

Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd.

2025-04-09

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS-CSTC Standards Technical Services Co., Ltd.
16F, Century Yu Hui Mansion, No.73, Fucheng Road, Haidian District, Beijing, 100142, CHINA
www.sgs.com
Member of the SGS Group (SGS SA)