

# Certificate of Conformity (COC)



Certificate Holder : 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

Date of Original Issue : 2025-04-19

Date of Last Revision : --

Date of Expiry : 2028-04-18

Certificate Number : PCS-25-1075

Product : EcoFlow STREAM Ultra / EcoFlow STREAM Pro / EcoFlow STREAM AC Pro

Ratings : See appendix on page 2

Brand/Trademark :  **EF**  
EcoFlow or **ECO FLOW**

Model : EF-EA-HD-U2K-800, EF-EA-HD-U2K-600, EF-EA-HD-P2K-800, EF-EA-HD-P2K-600,  
EF-EA-AC-P2K-800, EF-EA-AC-P2K-600

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

Testing Report : SUEE250300007151

Test Standard : EN 50549-1: 2019



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.

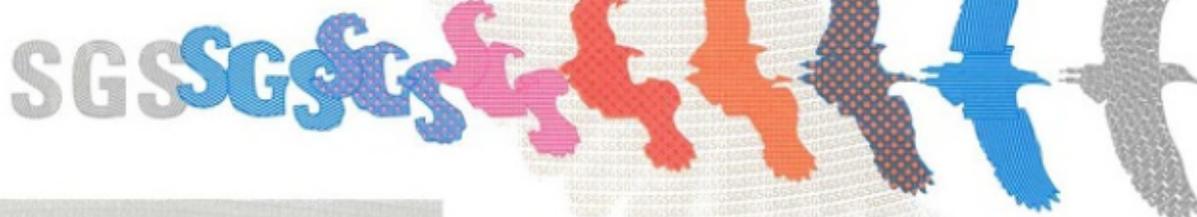
The above-mentioned product is certified according to the standard EN 50549-1: 2019 and is valid to be installed in generating of type plants B to be connected to a LV distribution network. The relation between this European Standard with the relevant Article of COMMISSION REGULATION (EU) 2016/631 (NC RfG) is considered as it is indicated in the annex H of the standard EN 50549-1:2019.

This certification ensures the compliance with specific deviations for interface protection according for **The Netherlands** which have been verified according to settings defined in section A.16 NL - The Netherlands of the standard EN 50438:2013.

Christopher Hee  
Certification Officer



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



The use of this Certificate is subjected to the General Conditions for Certification Services accessible at <https://www.sgs.com/en/terms-and-conditions> and Certification Agreement for SGS Product Certification Scheme (PCS). Any unauthorised 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. This Certificate is part of a full report and should be read in conjunction with it. This Certificate cannot be reproduced except in full, without prior approval of the Company. This Certificate remains the property of SGS Testing & Control Services Singapore Pte Ltd and shall be returned upon request.

Rating specifications of EcoFlow STREAM Ultra / EcoFlow STREAM Pro / EcoFlow STREAM AC Pro						
Model	EF-EA-HD- U2K-800	EF-EA-HD- U2K-600	EF-EA-HD- P2K-800	EF-EA-HD- P2K-600	EF-EA-AC- P2K-800	EF-EA-AC- P2K-600
<b>PV Terminal:</b>						
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					/
<b>Battery Info:</b>						
Rated Voltage (V)	19.2					
Rated Capacity (kWh)	1.92					
Cell Chemistry	LiFePO <sub>4</sub>					
<b>Grid Terminal:</b>						
Rated Output Voltage (V)	230, L/N/PE					
Rated Output Power (W)	800	600	800	600	800	600
Rated Output Current (A)	3.48	2.61	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					
<b>Parallet Terminal:</b>						
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					
<b>Others:</b>						
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					

