



VERIFICATION OF COMPLIANCE

No.: GZES2303003729PV

Applicant: EcoFlow Inc.
Plant A202, Founder Technology Industrial Park, Shiyan
Subdistrict, Bao'an District Shenzhen, 518000 Guangdong
China.

Manufacturer: EcoFlow Inc.
Plant A202, Founder Technology Industrial Park, Shiyan
Subdistrict, Bao'an District Shenzhen, 518000 Guangdong
China.

Product Name: EcoFlow PowerStream Microinverter

Product Description: Inverter used in PV system

Model No.: EFWN511, EFWN511B

Trade Mark: 

Rating: Refer to page 2

Protection against Electric Shock: Class I

Additional Information (if any): IP 67
Software Version: V1.0

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: ENA Engineering Recommendation G100 Issue 1 Amendment
2 2018

as shown in the

Test Report Number(s): GZES230300372901

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
Senior Technical Manager
SGS-CSTC

2023-06-30

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No.:

GZES2303003729PV

Other information added:

Rating:

Model	EFWN511	EFWN511B
PV Input		
Max. input voltage	55 Vdc	
MPPT operating voltage range	25-55 Vdc	
Max. input current	13 A/13 A	
Battery Input		
Battery charge voltage range	30V-58 Vdc	
Battery charge current	13 A	
Battery discharge voltage range	11V-15, 40-59 Vdc	
Battery discharge current	13 A	
AC Output		
Nominal grid voltage	L/N/PE, 230Vac	
Nominal grid frequency	50 Hz	
Rated AC power	800 W	600 W
Max. AC apparent power	800 VA	600 VA
Rated AC current	3.5 A	2.6A
Max. AC current	3.7 A	2.8A
Output power factor	1 default (adjustable+/-0.8)	
General Data		
Operating temperature range	-40 °C ~ +50 °C	
Protection degree	IP67	
Protective class	Class I	
Cooling method	Natural Cooling	
Topology	Isolated	

David Guo

Senior Technical Manager

2023-06-30

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