

VERIFICATION OF COMPLIANCE

No.: LVD GZES2211022452PV


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

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

Product Name: EcoFlow PowerStream Microinverter

Product Description: Grid-connected PV Inverter used in PV system

Model No.: **EFWN511, EFWN511B**

Trade Mark: 

Rating: Refer to page 2

Intended Use: PV System

Protection against Electric Shock: Class I

Additional Information (if any): IP 67
Serial Number: HW51ZEH1RF330001
Master Software version: G V1.0
Safety Firmware version: V0.1.7

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): GZES221102245201, GZES221102245202

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 as shown below 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

Senior Technical Manager
SGS-CSTC



2023-05-04

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Other information added :
Ratings

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	


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