


# CERTIFICATE

## CERTIFICATE Of Conformity Directive 2014/53/EU On The Radio Equipment Directive

**Certificate No.:** AT18220WC300568  
**Certificate Holder:** EcoFlow Inc.  
**Address:** Plant A202, Founder Technology Industrial Park, Shiyan Sub-district, Bao'an District Shenzhen, Guangdong 518000 China  
**Manufacturer:** EcoFlow Inc.  
**Address:** Plant A202, Founder Technology Industrial Park, Shiyan Sub-district, Bao'an District Shenzhen, Guangdong 518000 China  
**Product Name:** EcoFlow PowerStream Microinverter  
**Model No.:** EFWN511, EFWN511B  
**Trade Mark:**   
**Rating:** Please refer to page 2

The radio equipment meets the following essential requirements		Complied
Article 3(1)(a) ■ Safety	EN 62109-1:2010 EN 62109-2:2011	Yes
Article 3(1)(a) ■ Health	EN IEC 62311: 2020	Yes
Article 3(1)(b) ■ EMC	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.2.4 (2020-09) EN 55032: 2015+A11: 2020 EN 55035: 2017+A11: 2020 EN IEC 61000-6-3: 2021 EN IEC 61000-6-1: 2019	Yes
Article 3(2) ■ Radio	ETSI EN 300 328 V2.2.2 (2019-07)	Yes

Note: The attached Annex forms part of this certificate which consists of 2 pages.

May 05, 2023  
Date



Certified by

Kingkong Jin




The CE Marking may only be used if all relevant and effective EU Directives are complied with



**Shenzhen Anbotek Compliance Laboratory Limited**  
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**Annex  
of RED Certificate  
Certificate Number: AT18220WC300568**

Product Specifications	
Frequency Range:	BLE: 2402~2480MHz WiFi 2.4G: 2412~2472MHz
Maximum Output Power:	BLE: 3.9dBm Max. WiFi 2.4G: 15.70dBm Max.
Modulation:	BLE: GFSK WiFi 2.4G: DSSS, OFDM
Max. Antenna Gain:	2 dBi (Provided by customer)
Type of Antenna:	FPC Antenna
<b>Rating(s):</b>  <p><b>EcoFlow PowerStream Microinverter</b> Model/Modell: EFWN511 DC Max. Input Voltage/DC Max. Eingangsspannung: 59V DC Output/DC-Ausgang: 30-59V 13A Max DC Input/DC-Eingang: 11-15V, 40-59V 13A Max AC output/AC-Ausgang: 220/230/240V~ 50Hz, 3.6A Max, 800W Max AC Output Power Factor/AC-Ausgangsleistungsfaktor: +0.8-1 PV Input/PV-Eingang(x2): 11-55V 13A Max Start-up Voltage/Anfahrspannung: 15V Range of Peak Power MPPT Voltage/Bereich der MPPT-Spitzenleistung Spannung: 25-55V Max. PV short circuit current (Isc PV)/Max. PV-Kurzschlussstrom (Isc PV)(X2): 14A Max. PV input voltage (Vmax PV)/Max. PV-Eingangsspannung (Vmax PV): 55V Overvoltage category/Überspannungskategorie: PV/DC: II, AC: III Protective class/Schutzklasse: Class I www.ecoflow.com EcoFlow Inc. Made in China</p> <p><b>EcoFlow PowerStream Microinverter</b> Model/Modell: EFWN511B DC Max. Input Voltage/DC Max. Eingangsspannung: 59V DC Output/DC-Ausgang: 30-59V 13A Max DC Input/DC-Eingang: 11-15V, 40-59V 13A Max AC output/AC-Ausgang: 220/230/240V~ 50Hz, 2.8A Max, 600W Max AC Output Power Factor/AC-Ausgangsleistungsfaktor: +0.8-1 PV Input/PV-Eingang(x2): 11-55V 13A Max Start-up Voltage/Anfahrspannung: 15V Range of Peak Power MPPT Voltage/Bereich der MPPT-Spitzenleistung Spannung: 25-55V Max. PV short circuit current (Isc PV)/Max. PV-Kurzschlussstrom (Isc PV)(X2): 14A Max. PV input voltage (Vmax PV)/Max. PV-Eingangsspannung (Vmax PV): 55V Overvoltage category/Überspannungskategorie: PV/DC: II, AC: III Protective class/Schutzklasse: Class I www.ecoflow.com EcoFlow Inc. Made in China</p>	

**Technical Documentation Identification**

Article	Test Report
Article 3(1)(a) ■ Safety	GZES221102245201 GZES221102245202
Article 3(1)(a) ■ Health	18220WC30056803H
Article 3(1)(b) ■ EMC	18220WC30056801E 18220WC30056802E
Article 3(2) ■ Radio	18220WC30056804W 18220WC30056805W

**Notes:**

- The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in compliance with the requirements of article 3 of the Radio Equipment Directive 2014/53/EU. The certificate does not imply assessment of the production and does not permit the use of Lab's logo. The applicant of the certificate is authorized to use this certificate in connection with EU declaration of conformity to article 18 of the Directive.
- The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the certificate and satisfies the applicable requirement of the Directive.
- The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been places on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

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