

CERTIFICATE OF CONFORMITY

CERTIFICATO DI CONFORMITÀ

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

For the product: Microinverter
Tipo prodotto:

Trade name:
Marchio:



Type/Model: EFWN511, EFWN511B
Riferimento modello:

Ratings: See Annex
Dati di targa:

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

Requirements: CEI 0-21:2022-03
Requisiti: Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT
delle imprese distributrici di energia elettrica

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 4905773.50.

Il presente certificato è rilasciato a causa di un esame da parte di DEKRA, i cui risultati sono riportati in un file riservato n. 4905773.50.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The certificate does not include an assessment of the manufacturer's production.

Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Il sottoscritto dichiara che il prodotto di cui sopra è conforme ai requisiti tecnici menzionati. Questo attestato di conformità è rilasciato sulla base dei risultati di prova riferiti nel rapporto sopra menzionato.

La valutazione non include una verifica della produzione di serie né del luogo di produzione.

Shanghai, 10 July 2023
It expires at the latest on: 10 July 2027

Certificate Number: 4905773.01COC V1.0

DEKRA Testing and Certification (Shanghai) Ltd.

Cliff Lin
Certification Manager

© Integral publication of this certificate and adjoining reports is allowed

Accreditation of the certification body by IAS according to ISO/IEC 17065 for products.
Accreditation is valid in the areas of certification mentioned in the certificate.

PCA-141

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PCA-141

Document no. : 6136775.01COC V1.0

Ratings of the testing Hybrid Inverter:

Valutazioni dell'invertitore ibrido di prova:

Models	EFWN511	EFWN511B
PV input:		
Max PV voltage (V)	55	
MPPT voltage range (V)	11-55	
Max PV current (A)	13 * 2	
Isc PV (A)	14 * 2	
Max PV power (W)	480 * 2	
Battery port:		
Battery type	Li-ion	
Battery voltage range (Vdc)	11-15, 40-59	
Max charge/discharge current (A)	13	
Max charge/discharge power (W)	600	
AC grid (output):		
Rated voltage (V)	L/N/PE, 230Vac	
Rated frequency (Hz)	50	
Max AC current (A)	3.7	2.8
Rated AC power (W)	800	600
Max AC apparent power (VA)	800	600
Power factor range	1.0 (-0.8 ~ +0.8 adjustable)	
General:		
Protection class	I	
Degree of protection	IP67	
Overvoltage category	II(DC), III(AC)	
Ambient temperature	-40...+50°C	

Type of generating unit:

Tipologia di apparato:

Static Conversion Device <i>Dispositivo di conversione statica</i>	Interface Protection <i>Protezione di interfaccia</i>	Interface Protection Device <i>Dispositivo di interfaccia</i>	Rotating Generator Device <i>Dispositivo di generazione rotante</i>
Yes/Si	Yes/Si	Yes/Si	No

Firmware release (SW): V1.0

Revisione firmware (SW): V1.0

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The battery used for testing with the Hybrid Inverter covered by this certificate:

La batteria utilizzata per i test con l'invertitore ibrido coperto dal presente certificato:

There is no battery used for testing with the Hybrid Inverter.
Non si usa alcuna batteria per la prova con il invertitore ibrido.

Testing Laboratory:

Laboratorio prove:

Testing Laboratory for CEI 0-21:2022-03
DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch
Block 5. No.3, Qiyun Road, Huangpu District, Guangzhou, Guangdong, China
Accreditation Number: L5805 (CNAS-ILAC)

Testing Laboratory for EMC:
Shenzhen Anbotek Compliance Laboratory Limited
1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an
District, Shenzhen, Guangdong, China.518128
Accreditation Number: L3503 (CNAS-ILAC)

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