

EcoFlow PowerStream Microinverter

EcoFlow PowerStream is a smart channels solar power for immediate day and night use, maximizing energy bill saving. It has a DIY plug-in design and a stylish look that blends with your home. Monitoring and tracking real-time energy consumption is made easy with the EcoFlow app.

- Plug-and-play grid-tied microinverter-Compatible with all EcoFlow power stations
- Smart app control
- Compatible with EcoFlow Smart Plug
- DIY Installation
- Max solar input: 800W (2 x 400W)

Antenna

Connect with EcoFlow APP and Smart Plug



PV Port

Connect with
Solar Panels

Battery

Work with all the
EcoFlow PPS

AC Output Port

Connect to the home grid



Technical
Parameters——DE/Swiss



GENERAL INFORMATION

Product Name
EcoFlow Microinverter

Model
EFWN511B

Weight
Approximately 3 Kg

Dimensions
242 × 169 × 33 mm

SPECIFICATIONS

PV Input Power
400W x 2

Max. Input Voltage
55Vd.c. (PV Port)/ 59Vd.c. (DC Port)

AC Output-Grid Tied
600W

Max. Charging & Discharging Power
600W

Waterproof
IP67

DC Input Output
600W

Max. Input Current
13A

Max. AC Output Current
2.8A

Charging Voltage
30 – 58 Vd.c.

Communication
Wi-Fi and Bluetooth

ENVIRONMENTAL OPERATING DATA

Operating Temperature Range
-40°C - 50°C

Wet Location
Yes

Humidity
0% - 100%

Altitude
≤2000 m

*Please refer to the instruction book for all parameters

Technical Parameters

—Other EU Countries



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SPECIFICATIONS

PV Input Power
400W x 2

Max. Input Voltage
55Vd.c. (PV Port)/ 59Vd.c. (DC Port)

AC Output-Grid Tied
800W

Max. Charging & Discharging Power
600W

Waterproof
IP67

DC Input Output
600W

Max. Input Current
13A

Max. AC Output Current
3..7A

Charging Voltage
30 – 58 Vd.c.

Communication
Wi-Fi and Bluetooth

ENVIRONMENTAL OPERATING DATA

Operating Temperature Range
-40°C - 50°C

Wet Location
Yes

Humidity
0% - 100%

Altitude
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