



EcoFlow 120A WiFi smart meter



Model: EFSMARTMETER-EU-120A

Manufacturer: ECOFLOW

EAN: 4895251646956

Product Code: 805679

R3,466

EcoFlow 120A WiFi Smart Meter

The EcoFlow Smart Meter is a smart energy meter that allows you to accurately measure your power consumption in real time - whether you're consuming power or feeding it back into the grid. Compact and easy to install on a DIN rail, it offers Wi-Fi connectivity for remote monitoring and Bluetooth for intuitive configuration. Records data to the nearest minute and stores it for at least 60 days for accurate consumption analysis. It allows you to detect energy-intensive appliances, shift loads to cheaper tariff hours and optimize the operation of your EcoFlow STREAM home energy storage. Whether you use a photovoltaic system or simply want to reduce your electricity bill, this meter is the foundation of a smart, energy-efficient home.

Accurate measurement and full transparency of consumption

With precise measurement of consumption and electricity return, the EcoFlow Smart Meter allows you to track your consumption in real time via the EcoFlow app. The device supports both 1-phase

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and 3-phase installations, and three current transformers are included to ensure high measurement accuracy. Regardless of how your switchgear is built, the Smart Meter will provide a complete view of your home's energy flow.

Convenient installation and easy setup

The device mounts directly on a DIN rail, saving space and maintaining the aesthetics of the installation. Once installed by an electrician, all you need to do is connect the meter to the EcoFlow app via Bluetooth, and then configure it using the clear steps in the manual. Further monitoring is done remotely via Wi-Fi, without the need for physical access to the device.

Consumption analysis with up to the minute accuracy

The Smart Meter records measurement data with an interval of one minute and stores it for a minimum of 60 days. This gives the user the ability to accurately analyze consumption and better adjust home energy habits. This function is also useful in the context of detecting energy-intensive appliances and scheduling consumption based on hourly tariffs.

Savings and sustainability

The EcoFlow meter helps reduce electricity costs in real terms through smart consumption management. Combined with home energy storage, EcoFlow STREAM makes it possible to maximize the use of stored energy from photovoltaic panels - excess production is stored during the day to be used in the evening. This not only saves money, but is also a step towards a more sustainable, eco-friendly lifestyle.

Included

- EcoFlow 120A smart meter
- current clamps x3
- user manual

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Manufacturer	EcoFlow
Model	EF-EM-P3-120
Maximum current	120 A per phase
Compatibility with phases	1 and 3 phase
Connectivity	Bluetooth
Communication	Wi-Fi (remote monitoring and consumption control)
Dimensions	90 × 66 × 36 mm (including antenna)
Operating temperature	-25°C to 70°C
Storage temperature	-40°C to 85°C
Operating altitude	≤ 3000 m
Relative humidity	5%-95%
Input voltage	400V/230V 3N, CAT III 300V
Power input	100-276 V, 50/60 Hz, 3 W
Input current	48 mA
Cable cross section	0.5-2.5 mm ² / 20-14AWG (solid wire, stranded wire and sleeve)
Wire stripping length	6-7 mm
Degree of contamination	PD2
Protection degree	IP30
Compatible current transformer	48mA, 0.1%In~In, 0.1%In
Wi-Fi	Frequency: 2400-2495 MHz (for EU); Maximum output power: 20 dBm (for EU)
Bluetooth	Frequency: 2402-2480 MHz (for EU); Maximum output power: 20 dBm (for EU)
Data archiving	60 days with an approximation of one minute
Installation	On DIN rail (requires professional installation)
Compatible app	EcoFlow app

GPSR Link: https://psr-assets.innpro.pl/energy/sg_energy_power_stations.pdf, Gross weight: 700, Net weight: 500, Box length: 21,80, Box width: 16,20, Box height: 7,80, Information about data generation: <https://dataact.innpro.pl/ecoflow/4895251646956>

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