

ECOFLOW POWERSTREAM BALCONY SOLAR SYSTEM

Reference: PowerStream



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EcoFlow PowerStream is a balcony solar system that offers significant energy savings, grid independence, and real-time monitoring.

The EcoFlow PowerStream balcony solar system is an innovative solution that allows you to harness solar energy to reduce energy bills and increase independence from the electrical grid.

With a power supply of up to 1039 kWh per year, the PowerStream system can generate a maximum energy savings of €415 per year. Compared to other battery-less domestic photovoltaic systems, the savings on bills can be up to 3.5 times higher. Additionally, during power outages, the portable power station provides emergency power to essential devices and high-consumption appliances such as washing machines.

The system is compatible with EcoFlow portable power stations and can be easily monitored and optimized through the EcoFlow Smart Plug app. This allows you to track accumulated solar energy, saved money, and control connected devices with a simple click. The EcoFlow Smart Plug monitors real-time energy consumption of appliances, allowing the microinverter to allocate energy efficiently, prioritizing household use during peak hours.

The Smart Plugs are compatible with major smart home systems such as Apple, Amazon, Google, and Samsung and can be seamlessly integrated. Furthermore, the system installation is simple and does not require drilling holes in walls, thanks to the super-flat cable designed for easy and hassle-free mounting.

The EcoFlow PowerStream Standard Kit includes:

- 800W solar panels (2 x 400W) + Mounting Kit
- Microinverter
- 2 Smart Plugs for monitoring and power distribution
- Connection cables

TECHNICAL SPECIFICATIONS ECOFLOW POWERSTREAM:

Microinverter

Protection Class: IP67
Communication: Wi-Fi and Bluetooth
Max PV Input Power: 400W × 2
DC Input: 600W
AC Output Connected to Grid: 800W
Max AC Output Current: 3.7A
Dimensions: 242 × 169 × 33 mm

Weight: Approximately 3 kg

Smart Plug

Wi-Fi Frequency Range (20M/40M): 2412 – 2472 MHz / 2422 – 2462 MHz
Wi-Fi Max Output Power: ?20 dBm
Bluetooth Frequency Range: 2402 – 2480 MHz
Bluetooth Max Output Power: ?20 dBm
Dimensions: 53 × 53 × 79 mm
Weight: 113 g

400W Solar Panel

Efficiency: 23%
Rated Power: 400 W
Cell Type: Monocrystalline
Protection Class: IP68
Short-Circuit Current: 13.79A
Open-Circuit Voltage: 37.10V
Dimensions: 172.2 × 113.4 × 3.5 cm
Net Weight: 21.8 kg

Looking for a product with different technical characteristics? HERE you can find the area dedicated to ECOFLOW cogeneration systems or other specialized brands.

Please note that images and technical data are non-binding and subject to revision by the manufacturer.

Technical Sheet

Phase	Single phase
Continuous power single phase (KW)	0.8
Continuous power single phase (KVA)	0.8
Video	tny5VFMCMrE