

EcoFlow PowerPulse 2

EV Charger

EcoFlow PowerPulse 2 unlocks AI-driven intelligence within the EcoFlow ecosystem, enhancing smart energy management and optimization. Allowing it to adapt to your energy needs in real-time, prioritize solar energy usage, reduce reliance on the grid, and cut energy costs. With interactive features like real-time monitoring and easy switching, users enjoy enhanced control over their charging experience.



For installers



EcoFlow Pro Web Portal
<https://portal.ecoflow.com/pro/eu>

EcoFlow Pro App

For users



EcoFlow Web Portal
<https://portal.ecoflow.com/user/eu>

EcoFlow App

Model	7 kW	11 kW	22 kW
Input & Output			
Charge power (configurable)	7 kW	11 kW	22 kW
Rated voltage	230 V (1-phase)	230 V (1-phase) 400 V (3-phase)	230 V (1-phase) 400 V (3-phase)
Rated current (configurable)	32 A	16 A	32 A
Rated Frequency	50 Hz		
Earthing Protection	According to BS 7671:2018+A2-2022 requirements (BRITISH version only)		
Residual Current Circuit Breaker (RCCB)	External RCCB required ¹		
Vehicle connection	Type 2 socket (IEC 62196-2), Type 2 socket with shutter (IEC 62196-2) (France version only)		
Cable cross-sectional area	Up to 10 mm ²		
Approved Grid Configurations	TN, TT		
User Interface & Communications			

Communication	WiFi (2.4G), Bluetooth, RS485, CAN		
Authentication	RFID, EcoFlow App, Bluetooth		
Remote control & monitoring	EcoFlow App		
Working mode	Fast Charge, Scheduled Charge, Customized Charge, Photovoltaic Charge, Smart Charge		
Protocol	OCPP1.6-J, MODBUS-RTU, DL/T645		
Environment requirement			
Ambient temperature for storage	-40°C to +70°C		
Ambient temperature for operation	-30°C to +50°C ²	-30°C to +40°C ²	
Relative humidity	5% to 95%		
Basic information			
Net weight	Approximately 3.5 kg		
Dimensions	333 x 226 x 145 mm		
Installation	Wall mounted		
Altitude	≤ 2000 m		
IP rating	IP55 (with a charging cable plugged in) IP54 (without a charging cable plugged in)		
IK protection rating	IK 08		
Environmental category	Outdoor/Indoor		
Protection	AC overvoltage protection, AC undervoltage protection, Output overcurrent protection, AC overfrequency protection, AC underfrequency protection, Short-Circuit Protection, RCD (Onboard typeA+6mA DC detection), Overtemperature protection, Leakage protection, Surge protection, Relay contact sticking protection, Protective cover open alarm		
Charging mode	Mode 3		
Protective class	I		
Built-in MID-certified energy meter (Class B, billing-grade accuracy)	No	Yes	Yes
Compliance standard	EN IEC 61851-1, IEC 62955, IEC 61008-1		

- ¹Type A or type B according to local regulations.
- ²7 kW/11 kW: The EV charger will derate when the ambient temperature is above 50°C.
²22 kW: The EV charger will derate when the ambient temperature is above 40°C.
- Please be advised that EcoFlow reserves the right to modify the design, components, and specifications of its products at any time without prior notice or obligation. The actual product details and final design may vary from those shown or described in this brochure.