EcoFlow Home Energy Ecosystem

EcoFlow PowerPulse 2

Empower Every Drive with Smart Charging

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Smart EV Charger

EcoFlow PowerPulse 2

Empower Every Drive with Smart Charging

EcoFlow PowerPulse 2 unlocks AI-driven intelligence within the EcoFlow ecosystem, 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 have complete control over their charging experience.

Smart AI-Driven, Sun-Powered Miles

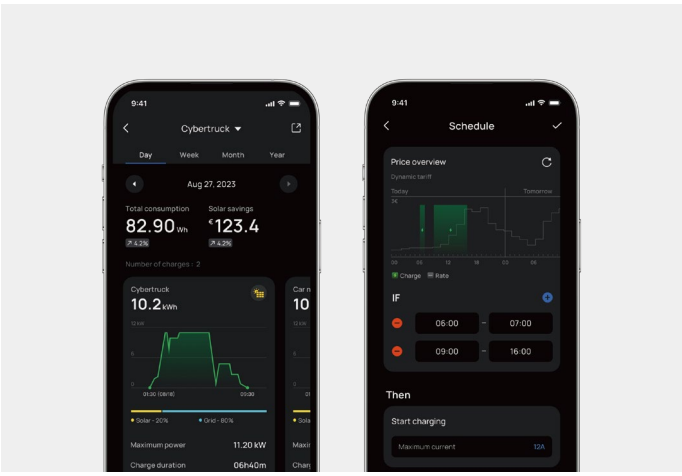
Charge smarter and faster by seamlessly integrating solar power and the grid. Effortlessly reduce your grid dependence while maximising savings with AI power, ensuring a highly efficient charging experience.

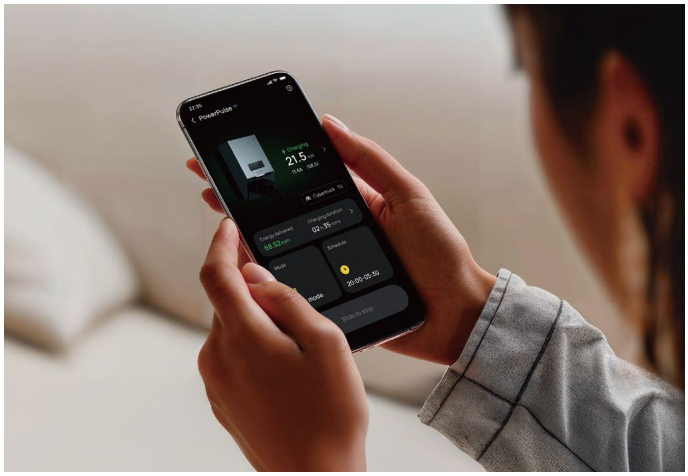
Smart Mode DYNAMIC TARIFF SUPPORTED

Just input your energy goals and preferred charging times, and AI Smart Mode takes control to optimise your EV charging. By quickly setting your electricity pricing, PowerPulse 2 ensures that every charge is as efficient as it is cost-effective.

Solar Mode

Harness the power of the sun for completely free charging. At night, effortlessly switch to grid power without compromising charging speed. The system automatically prioritises renewable energy, minimising your reliance on the grid.





Intelligent Charging, Powered by an Integrated Ecosystem

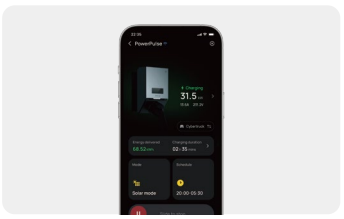
Set your charging preferences and let the system do the work. By integrating solar predicting, appliance demand, and dynamic pricing with PowerOcean, EcoFlow's EV Charging Solution intelligently predicts your energy needs, optimising each charge for maximum savings and efficiency.

Interactive Charging, Seamless Control

LED Display

RFID Card

Plug and Play Design



All-in-one APP

Reliable and Durable, An Optimised Charging Solution

IP55 protection ensures PowerPulse 2 delivers dependable performance in both indoor and outdoor settings. It is designed as a fully customised solution that can evolve with your needs and respond with support for OCPP protocols.

PowerPulse 2: What's Changed

Model		PowerPulse 1	PowerPulse 2
AC Output	Rated charging power	Max. 3.7kW (single-phase) / 11kW (three-phase)	Max. 7.4kW (single-phase) / 22kW three-phase)
PoweOcean Integration		Yes	Yes
Interface	Status displays	Indicator light App messages	LED screen Indicator light App messages
	Startup method	App, plug in the charger	App, RFID card, plug in the charger
Connectivity	Interaction	EcoFlow app	EcoFlow app RFID card
Basic parameters	Dimensions (W x D x H)	Approx. 283x178x99 mm	Approx. 333x226x145 mm
Communication protocols		Not Supported	EEBUS, 14A, OCPP
Charging Mode (on EcoFlow APP)		Fast Charge Scheduled Mode	Smart Mode Fast Charging Solar Mode Scheduled Mode
Dynamic Tariff		Not Supported	Supported

*All specifications and descriptions shown may differ from the actual specification of the product. EcoFlow reserves the right to make changes and amendments to the product shown and described here at any time without prior notice of such change. All functionality, features, specifications, design and other product information displayed in this webpage including, but not limited to, components, performance, availability, and capabilities of the product are subject to change without notice. The contents and simulated images within the screen are for demonstration purposes only.

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