ECOFLOW

Solar Battery Storage Solution

EcoFlow PowerOcean Single-phase

Safety and Power Independence in Every Charge





Reliable Power Independence. Made Tangible.

Up to 6kW Output Backup Power

The EcoFlow PowerOcean equips you with up to 6kW of continuous off-grid power. Independence isn't just about energy; it's about continuity during power outages, getting all essential home appliances backed up at once, and ensuring an uninterrupted lifestyle. Feel the power of independence.

Bypass Circuit to Secure Stable Power Supply

If the inverter detects dysfunction, it will switch to the bypass mode, allowing grid power to flow through instead.



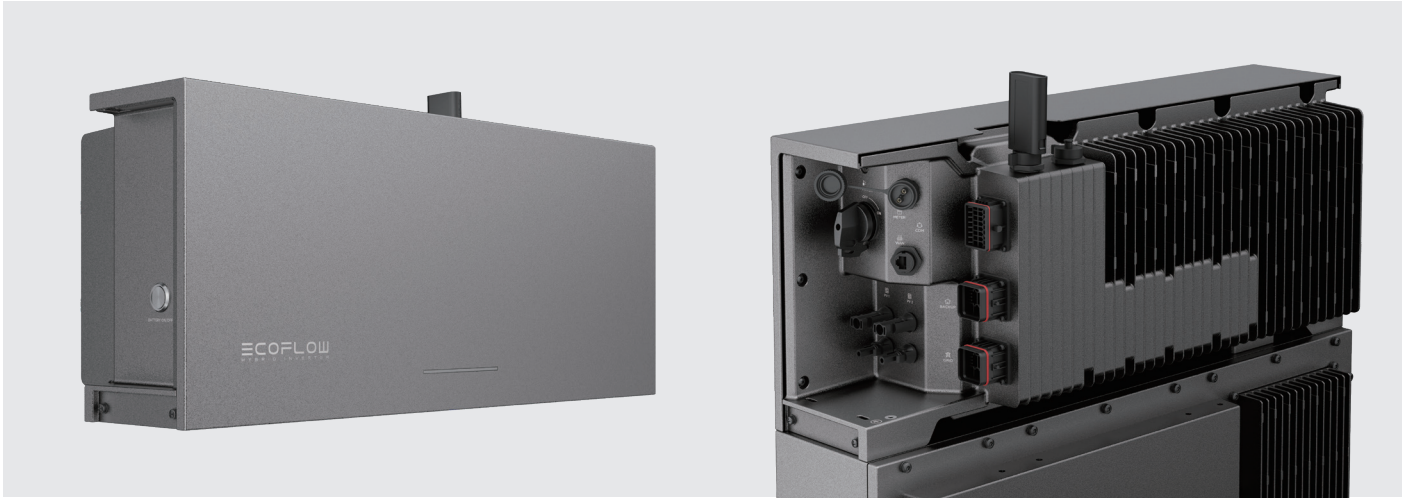
Uncompromising Efficiency. Steady Performance.

90V MPPT Charger Controller

Experience uncompromised efficiency across all weather conditions. With PowerOcean's built-in 90V MPPT charge controller, you can expect superior performance, day in and day out.

Remotely scheduled OTA updates anytime

Without interrupting the power system.



PowerOcean Battery Pack

LFP Performance. Beautifully Powered.



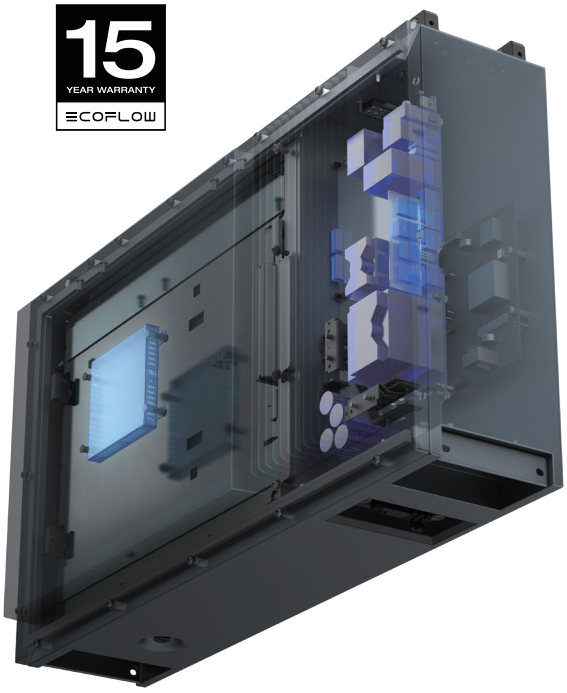
5kWh
Expandable to 60kWh*

6000+
Charge Cycles

LFP
Battery Chemistry

15 Years
Official Warranty

Our Foundation. Your Peace of Mind.



Battery Management System

Our intelligent BMS ensures each unit operates safely by avoiding overcurrent and overcharging.

Fire Prevention Module

Integrated fire prevention module provide extra protection, activating when batteries overheat.

Auto Heating Module

PowerOcean preserves battery performance and lifespan by maintaining an optimal temperature.



Effortlessly Scalable.
Unquestionably PowerOcean.

Start Small.
Kickstart from 1 Battery.

Built-in DC-DC converter in each battery pack allows our single-phase hybrid inverter to operate with even one pack simply.

Your Energy Needs.
Your Call.

Start with a single 5kWh battery pack, up to 60kWh, and watch your power solution expand alongside your needs*.

Old Batteries.
New Life.

Mixing different battery capacities can be risky. PowerOcean's advanced paralleled connection allows you to add new batteries perfectly with existing units.





* Disclaimer: For a total battery capacity of 60kWh, three hybrid inverters are required. One hybrid inverter can support a maximum of 20kWh.





Plug and play

IP65-Certified for Ultimate Protection

EcoFlow PowerOcean features an IP65 certification, ensuring it stands strong against dust ingress and is resistant to low-pressure water jets from any direction.

Installation Option
Ready for Easy Outdoor Installation

Embrace the outdoors with confidence, PowerOcean is designed to meet the critical requirements of the newly established PAS 63100:2024 standards, ensuring the highest safety performance level. This compliance makes PowerOcean ideal for outdoor installations, giving you placement options without compromising safety or efficiency.



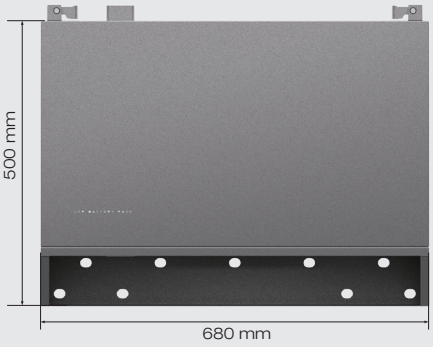
EcoFlow PowerOcean Hybrid Inverter



EcoFlow PowerOcean LFP Battery (With Floor-mount)



EcoFlow PowerOcean LFP Battery (With Wall-mount)



Accessories

4G Dongle ESS

Equip the EcoFlow PowerOcean Single-phase with 4G network connectivity and communicate with the unit in scenarios where Wi-Fi or Ethernet networks are absent.



EcoFlow Gateway (Single-Phase)

EcoFlow Gateway supports 100A for true whole-home backup, connects directly to your main panel for faster installation, and accepts multiple energy inputs for flexible, reliable power.



EcoFlow App and Web Portal

EcoFlow App and Web Portal for End-Users

-Intuitive power flow monitoring
-Say goodbye to high energy bills with Self-Powered Mode
-Viewing power generation and consumption data through an application
-Customise the system's working mode and parameters

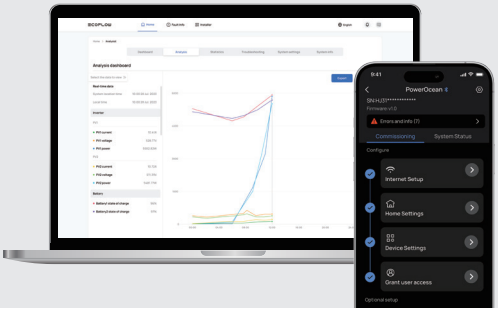
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EcoFlow Pro App and Web Portal for Installers

-Ultra-fast 3-step commissioning process
-Comprehensive map view of authorised systems
-Comprehensive and detailed data to assist you in system fault analysis

Scan QR code to download



*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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