PowerOcean Single-Phase: Ensuring Safety and Easy Installation for the UK Market

Time: 10am BST

Sponsored by
Europe's Path to Carbon Neutrality by 2050
More Homeowners are looking for
One-stop Home Energy Solution
Challenge of Managing Multiple Brands and Apps
EcoFlow Home Energy Ecosystem

Synergy between the Hardware and Software
EcoFlow App

All-in-one Home Energy Space

Carl's home

Excess solar power is available
Charging your battery while the sunshine...

Energy Independence
Produced
5390.79 kWh

80.50%
Updated 13m ago

Energy Command

20° / 24° Heating
21° / 24° Cooling
37° / 48° Charging

The lowest price in 24h
€0.018
Updated 13m ago

8.32 kW
1.68 kW
10.00 kW
EcoFlow App

Control, Customise, and Automate Your Energy Flow
Command Your Energy for Maximum Savings

Solar Energy Predictor
Dynamic Tariff Dashboard
Energy Command
Solar Energy Predictor

View and plan energy consumption based on forecast solar energy generation
Dynamic Tariff Dashboard
Access real-time tariff data for better energy purchases
Dynamic Tariff Dashboard

- Data Collection & Prediction
- Real-Time Analysis
- Strategic Action
- Desired Outcome

Dashboard collects real-time pricing data

View 24-hour pricing trends

Strategically choose when to buy power from grid

Maximise bill savings
Simplify energy management with custom automation
EcoFlow App Energy Management

**Solar Energy Predictor**
Plan and maximises solar usage

**Dynamic Tariff Dashboard**
Maximises bill savings through optimal purchases

**Energy Command**
Simplifies energy management with smart automation
EcoFlow Home Energy Ecosystem

The Most Customisable Home Energy Ecosystem You Can Get
EcoFlow Home Energy Ecosystem

Solar Storage Solutions

Heating Solutions

EV Charging Solution
PowerOcean DC Fit

Directly connect batteries with existing solar panels
No additional storage inverter
No replacement of the existing solar inverter
No change on the AC wiring
No on-grid permit is required
PowerOcean Single-phase

Up to 6 kW integrated backup

Max. capacity 15 kWh

IP65-rated for Outdoor Installation friendly

Reliable After Sales Service and Support
Plug-and-play Easy Installation

Next-level Battery Performance & Safety

Intuitive EcoFlow App
5 kWh each pack
800 high voltage
LFP battery
15 year warranty
IP65 weather proof
LFP BATTERY

Our Foundation. Your Peace of Mind.

5kWh  Each pack expandable to 15kWh
6000+ Charge Cycles
800V  Ultra-high voltage
LFP   Battery
IP65  Weather Proof

Fully Integrated BMS in Every Battery Pack
• Parallel connections avoid the mutual influence of batteries.
• The new battery is perfectly compatible with the old one.

Fire-extinguisher Module in Every Pack
• Actively detect battery temperature, and will be immediately activated when it reaches 170℃.

Smart Auto-heating module
• Each pack is equipped with heating modules to work smoothly in winter.
Wiring-free, stack-up installation
Sleek Aluminium Unibody Design
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.
What does PAS 63100:2024 mean to Installers & Homeowners

• Avoid installing inverters in lofts or other hard-to-access locations.

• Preferably, installations should be situated outdoors.

• Ensure fire safety considerations are addressed.

• Any potential issues should be handled in low-risk areas.
How Does EcoFlow Meet These Standards

• All units are IP65
  • Allowing outdoor installations

• Auto heating in each pack
  • To maintain battery performance in the harshest conditions

• Fire Suppression Built Into each pack
  • Protection for homeowner as standard
Wall-mount and Floor-mount Options Available

Wall Mount Bracket
Support up to 10kWh Battery Packs
and a Hybrid Inverter

Floor Mount Stand
Support up to 15kWh Battery Packs
and a Hybrid Inverter
Single-phase 6kW backup power
Fast-switch before you even notice!

- Microwave
- Electric stove
- Dishwasher
- Washing machine
- Freezer
- Refrigerator
- Computer
- Router
- Phone
- Lights
Dedicated tech support team

- 12-hour hotline 8:00am-8:00pm, 5 days a week
- 1-on-1 live chat through EcoFlow Pro App/Webportal
- 24-hour email reply
- On-site service allowance for installation partners
- Local repair center
Unified Battery Pack Solution for PowerOcean Systems

Streamlined SKUs

Reduce complexity with fewer SKUs to manage by combining battery packs with choice of PowerOcean inverter

Simplified Maintenance

Minimise service overhead with swappable batteries across all PowerOcean system, thanks to advanced paralleled connection.
EcoFlow Home Energy Ecosystem

Solar Storage Solutions

Heating Solutions

EV Charging Solution
PowerHeat Heat Pump (coming soon)

Up to 22kW Powerful Performance
Flexible solutions catering to different household needs

Advanced Zone-by-zone Control
Zone-by-zone temperature controls that adjust in minutes to keep surrounding comfortable

PowerOcean Efficient Energy Utilisation
Utilise solar energy stored in the PowerOcean system, converting it into heat for home use
Advanced Zone-by-zone Control
Energy Command

Automate Your Heating Schedule
PowerGlow Smart Immersion Heater (coming soon)

Smart Water Heating
Utilising PowerOcean stored energy to ensure consistent supply of hot water while minimising energy costs.

Rapid Heating Performance
Advanced heating elements provide rapid heating, ensuring that hot water is available quickly

Precise Temperature Control
EcoFlow App features intuitive controls, allowing users to easily set and adjust the water temperature.
Optimised Water Heating Control

PowerGlow

Consumption: 10.2 kWh
Energy Value: 283 €

Heating:
- Tank capacity: 100L
- Set temperature: 60°C

Temperature: 20°C

EcoFlow PowerOcean Three Phase
EcoFlow PowerGlow
Solar Panel
Bathroom
Radiator
Floor heating
EcoFlow PowerHeat
Utilise Surplus Solar Energy for Water Heating

Solar surplus charging
PowerGlow

IF
Solar surplus is enough

Then
Heating water
EcoFlow Home Energy Ecosystem

Solar Storage Solutions

Heating Solutions

EV Charging Solution
PowerPulse EV Charger (coming soon)

PowerOcean Charging Integration
Optimise charging process by leveraging solar energy and optimising the use of grid power.

Smart EcoFlow App Control
Works with the EcoFlow app, providing users real-time data and control over the charging process

Smaller than an A4 size paper
Small footprint allows for easy installation in various locations—from small garages to larger outdoor setups.
Maximise Solar Energy with Solar Surplus Charging

PowerPulse
Standby
Last charge duration: 2h35min

Power
Last charge
0 w
10.23 kWh

12 kW

0:00 0:30 0:60 0:90

Fast charge
Solar

The EV charger will operate at the maximum current (16A). Solar energy takes priority, followed by energy from the battery, and then the grid.

Automation
Energy Command

Automate Your EV Charging

Scheduled charging
PowerPulse

IF
- Time falls in
  - 08:30
  - 11:30

Repeat
- Once
- Daily
- Weekly
EcoFlow Home Energy Ecosystem

The Most Customisable Home Energy Ecosystem You Can Get
ECOFLOW