

ECOFLOW

Solar Battery Storage Solution

EcoFlow OCEAN 2 Plus Single-Phase

The Next-Level All-in-One

Whole-Home Backup. Open Ecosystem. Intelligent HEMS.
Cross-Gen Compatibility. Ultra-Compact

15
YEAR WARRANTY
ECOFLOW



True Whole-Home Backup, Seamlessly

0ms* Load-side Switchover

Instant seamless switch when the grid goes down

*Achievable under supported grid conditions.

72A Whole-Home Backup

Enabled by integrated bypass for uninterrupted power

More Solar. Any Rooftop.

Optimised for complex rooftops and mixed orientations, OCEAN 2 captures sunlight efficiently—even with just a few panels.

3 MPPTs

Up to **24kW** PV Input



90%

solar prediction accuracy

90%

consumption forecast accuracy

500+

dynamic tariff integrations

VPP-ready

Intelligently Maximize Energy Savings, Save up to 77.6%

With EcoFlow HEMS Intelligent Mode (SmartEarning), your system automatically optimizes when to charge and when to use stored energy—helping you reduce electricity bills without manual intervention.

By integrating dynamic electricity tariffs, the system charges the battery when prices are low and powers your home when rates are high. Every charging and discharging decision is made with cost optimization in mind, while also improving the utilization of your solar energy.

More Power for More of Your Home

Designed to support everything from daily home essentials to high-energy household needs — with expandable capacity up to 60 kWh.



Compact Design. Fits More Homes.

Designed to fit into narrow spaces, utility areas, and modern homes — with an ultra-compact footprint under 0.15 m².

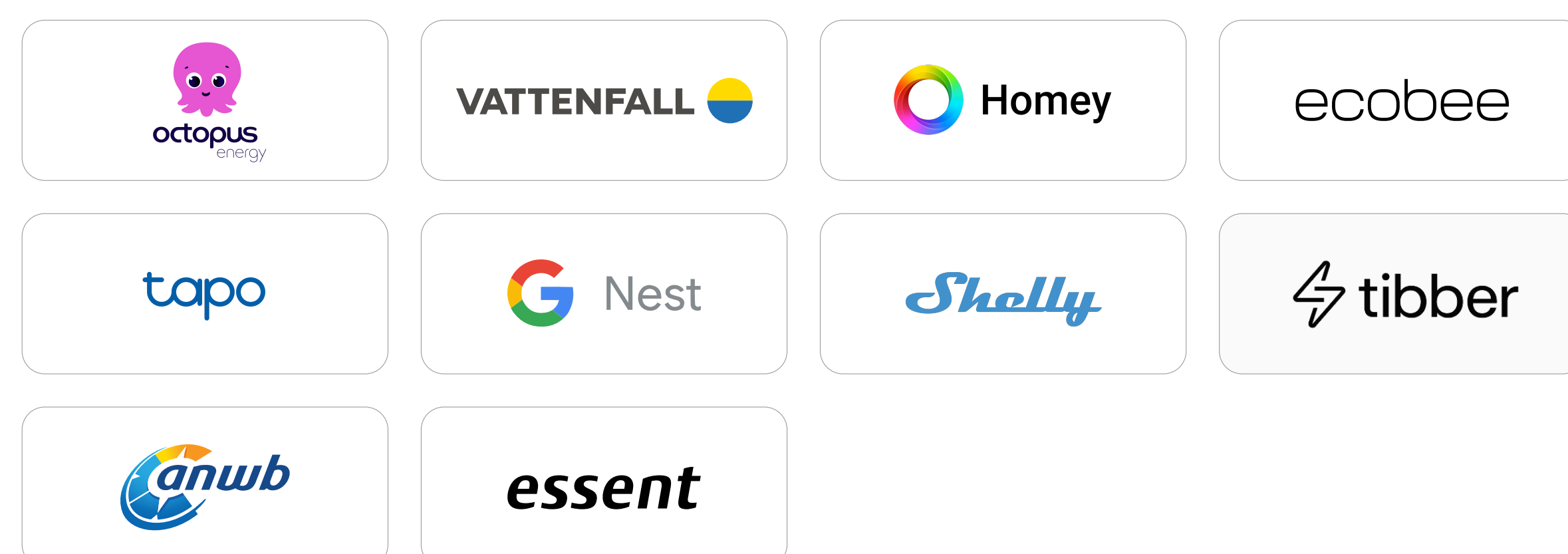


Lower Energy Loss with Just 50W Light-load Power

Not all savings happen during peak usage. With just 50W light-load consumption, OCEAN 2 minimises energy loss when your home demand is low — helping you save energy continuously over a 15-year system lifetime.

(150W – 50W) × 10h × 365 × 15 = Up to 6,000 kWh saved

*Estimated savings are based on a comparison between 50W and 150W light-load consumption during battery discharge, assuming 10 hours of daily low-load operation over 15 years. Actual results may vary depending on usage patterns and system conditions.



Open Ecosystem. Total Home Energy Control.

With OCEAN 2 at its core, the EcoFlow Home Energy Ecosystem connects solar, storage, EV charging, heating, and smart home devices into one intelligent energy platform. Compatible with a wide range of brands and protocols, it integrates seamlessly with existing smart home systems to optimize energy use and simplify management.

All-Round Safety. Built from the Inside Out.

Prevent Overheating

Continuous temperature monitoring across key components

Prevent Short Circuits

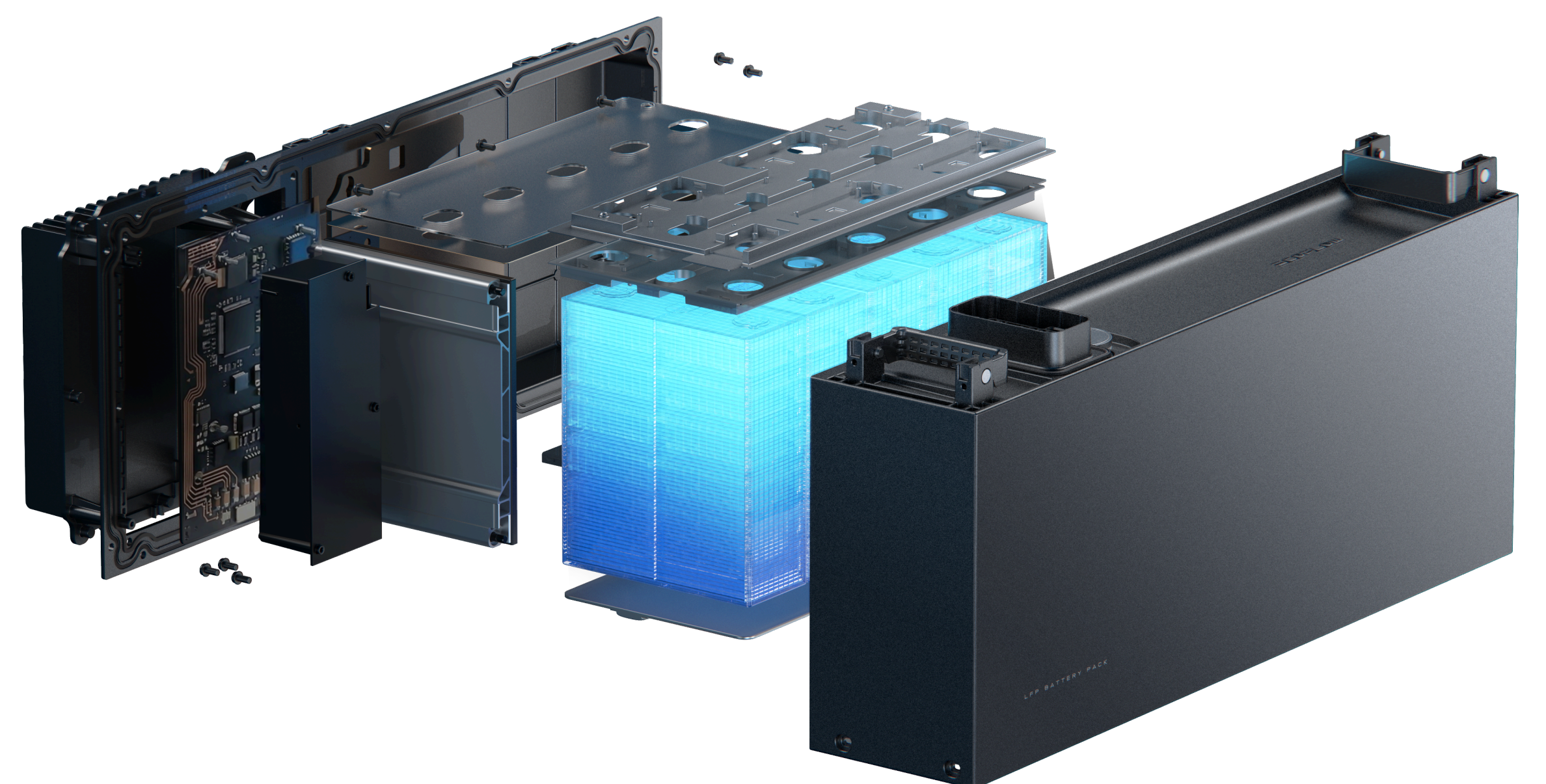
Flexible circuit architecture for enhanced stability

Prevent Fire Risks

Thermal isolation and integrated fire prevention

Reinforced Protection

High-strength aluminium enclosure for durability



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