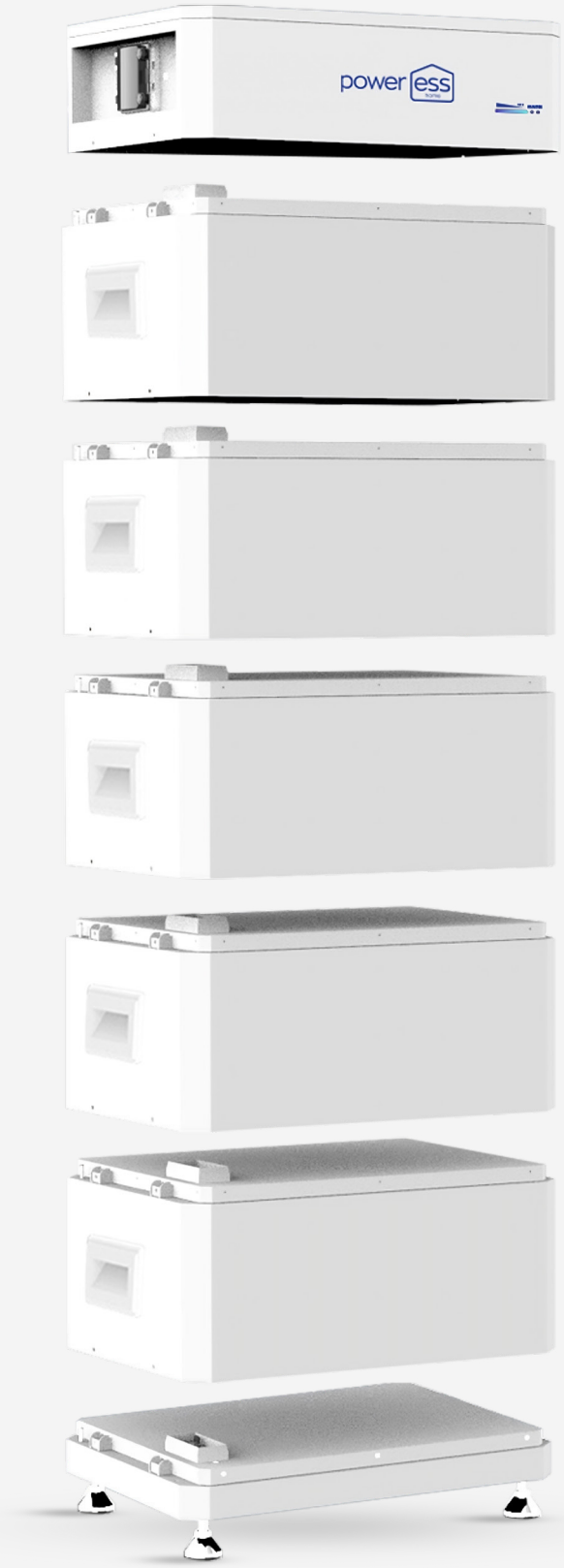
SUNLIGHT

Power your Home with Confidence and Efficiency

Discover the future of energy independence with the powerESS Home.



powerESS home

Key Benefits

Cost Optimization for End Users

Store energy during off-peak rates and use it during peak hours, delivering measurable savings and ROI on renewable energy investments.

Enhanced Grid Independence

Maximize self-consumption of renewable energy, reduce dependency on the grid, and ensure seamless operation during outages.

Reliable Energy Backup

Provide a robust solution for uninterrupted power supply, ensuring critical systems stay operational in any scenario.

Sustainable, Future-Ready Design

Drive adoption of clean energy technologies by integrating solutions to enhance sustainability impact.

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Energy storage that grows with you

Power your home or small business with a system that's easy to install, simple to expand, and ready for the future.

Installer convenience

Seamless flexibility

Scalable expandability

2 up to 6 modules per system
10.24kWh - 30.72kWh
204.8V - 614.4V

Up to 6 parallel systems / maximum capacity 184.23kWh

Designed for more scenarios

From cozy homes to thriving small businesses, our flexible and modular High Voltage Home Batteries grow with you delivering unmatched reliability and seamless expansion for a lifetime of energy confidence.

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Product Features

Scalable configuration, modular design for system expandability

High safety based on Grade A LFP cells & BMS built into the HV control box

Minimum installation time with plug-in design

Long cycle life, more than 6,000 cycles (0.5C at 25ºC, 80%DoD)

10 years warranty

Certifications:

IEC 62619 / IEC 62040
IEC 62477 / VDE 2510-50
EN 61000-6-1 / EN 61000-6-3
UN38.3 / RoHS / CE / UKCA

Equipped with:

- WiFi stick
- LED screen
- Fire extinguishing
- Lightning protection

Whole system delivery capability (DC + AC) - paired with 3ph hybrid inverter

Take control of your energy costs with smart solutions

The powerESS Home empowers you to embrace self-sufficiency, break free from traditional tariffs, and enjoy long-term savings—all while contributing to a sustainable planet.

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