



Energy storage battery pack 25 kWh

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The high voltage stackable battery distributed energy storage system adopts high-performance LFP energy storage battery which is equipped with PowMr independent battery management system that can effectively guarantee battery safety, with a cycle life of over 6,000 times and a cycle efficiency of up to 95%.

Designed for efficiency and reliability, our stackable battery seamlessly integrates with renewable energy sources, allowing you to maximize self-consumption and reduce reliance on the grid. With its advanced technology and compact design, it provides a reliable backup power source during outages, empowers energy independence, and promotes a sustainable lifestyle.

The high voltage battery is high-performance, scalable battery storage modules. The modular design allows for maximum flexibility, making them suitable for a broad range of storage applications. Additional batteries can be installed in series, allowing for a maximum storage capacity of 100KWH. With series connection, the voltage range is from 204.8V (2 modules) to 512V (5 modules).

The primary function of PowMR's advanced BMS is to oversee various aspects of battery management, such as voltage, current limits, and state of charge. BMS units go beyond basic supervision, incorporating additional features for functional safety to ensure the safe operation of Li-ion battery packs, thus ensuring optimal performance and longevity.

Its graded design easily expands to become a flexible solution that grows with your energy needs, real-time display and mobile access can also be easily monitored and managed, while LFP channels built with nano-coating and self-healing technology can be used to add firewalls to the battery, giving you peace of mind and control over your battery.

The SOK Fully Loaded 25kWh 48V Rack Battery Kit is a high-quality energy storage solution designed to meet the needs of homeowners, RV owners, and off-grid enthusiasts. With its modular design, this kit includes five LiFePO4 batteries, each with a 48V, 100Ah capacity, making it suitable for creating large, expandable battery banks. Each battery's advanced Battery Management System (BMS) enhances operational safety and optimizes performance with low-temperature charging protection, discharge protections, and efficient power conversion.

Perfect for pairing with inverters or solar controllers, the SOK 48V Rack Battery Kit empowers users to create a self-sufficient power grid. With robust durability, top-tier materials, and integrated communication for seamless battery management, this kit is built to perform reliably in various applications, whether for residential backup or mobile power setups.

Upgrade your power setup with the SOK Fully Loaded 25kWh 48V Rack Battery Kit. This easy-to-install kit



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provides everything you need to create a powerful, scalable battery bank that ensures your energy independence, all built with top-grade materials and advanced battery technology.

No Shipping outside the USA. (Some exceptions apply - if the website permits you to check out and enter your shipping address, you will receive your order. Some products in particular are available in Canada).

Our base "Curb-side" Pickup shipping is always completely free! This option usually takes between 5-15 days to arrive at your doorstep, after you have submitted your order.

To ensure that your package is properly delivered and that you receive your package within the time frames we advertise, please make sure that your address is correctly entered and includes all relevant and/or required information. The use of correct abbreviations, street numbers, building or apartment numbers, and route information (if applicable) is critical for ensuring timely delivery. We do not take responsibility for lost, misplaced, or incorrectly delivered shipments if the address information provided is incorrect or incorrectly entered at the time of purchase.

Please inspect your order upon reception and contact us immediately if the item is defective, damaged or if you receive the wrong item so that we can evaluate the issue and make it right. Items that are damaged must be communicated to us within 24 hours of receiving the item.

Contact us for free full report

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