

Rack-Mounted Battery

Model: HJ-HBL48 Rack Series Power: 5.12kwh-10.24kwh

Summary

The Rack-Mounted Household Energy Storage System is designed to provide homeowners with a reliable and scalable energy storage solution. This system is housed in a compact, rack-mounted form factor that fits seamlessly into home environments.



Rack-Mounted Battery (HJ-HBL48 Rack Series)

Product Features

Modular Design

Expandable capacity by adding more battery modules in the rack

High Efficiency

Advanced energy management for optimal charge/discharge performance

Smart Energy Control

Supports grid-tied, off-grid, and hybrid solar system setups, ensuring seamless energy supply management

Enhanced Safety

Equipped with overcharge, over-discharge, and temperature protection for safe operation

Durability

Robust design to withstand daily use and harsh environmental conditions

Space-saving Design

Compact rack-mounted structure, easy to install and maintain

Technical Parameters

Lithium Iron Phosphate Battery

Product Number	HJ-HBL48100R	HJ-HBL48200R
Battery Power	5.12kWh	10.24kWh
Battery Capacity	100Ah	200Ah
Rated Voltage	51.2Vdc	
Rated Charge and Discharge Current	25A	50A
Maximum Charge and Discharge Current	50A	100A
Cycle Life	> 6000 times @80%DOD@25°C	
Way of Communication	RS485/CAN	
Display Screen	LCD/LED (optional)	
Degree of Protection	IP20	
Certified Product	CE/IEC/UN38.3/MSDS	

Application

Ideal for homes with limited space due to its compact, rack-mounted structure. Durability in Harsh Environments: Designed for stable operation in demanding

environmental conditions like basements or garages.

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