

# Rack-Mounted Battery

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

## Summary

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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

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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

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### Lithium Iron Phosphate Battery

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

## Application

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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.

## Contact Us

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