

# Stackable Battery

Model: HJ-HBH48 Stack Series    Power: 5.12kwh-10.24kwh

## Summary

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The Stackable Home Energy Storage System is a modular solution designed for residential energy management. It allows homeowners to store excess energy from solar panels or the grid and use it during peak consumption periods or in case of power outages.



*Stackable Battery (HJ-HBH48 Stack Series)*

## Product Features

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Modular and Expandable

Easily stackable units allow flexible capacity expansion

Intelligent Energy Management

Built-in smart controller for optimized energy storage and distribution

Seamless Integration

Compatible with solar power systems, supporting both grid-tied and off-grid applications

High Safety Standards

Equipped with multi-level protection systems including overcharge, over-discharge, and temperature controls

Easy Installation and Maintenance

Compact design simplifies installation and requires minimal maintenance

Energy Efficiency

Helps reduce electricity bills by storing energy during low-cost periods and supplying it during peak demand

## Technical Parameters

### Lithium battery parameters

Product Number	HJ-HBH48100S2	HJ-HBH48100S3	HJ-HBH48100S4	HJ-HBH48100S5
Battery Type	Lithium Iron Phosphate Battery			
Battery Power	10.24kWh	15.36kWh	20.48kWh	25.6kWh
Battery Capacity	200Ah	300Ah	400Ah	500Ah
Rated Voltage	102.4Vdc	153.6Vdc	204.8Vdc	256.0Vdc
Parallel Quantity	2	3	4	5
Rated Charge and Discharge Current	50A			
Maximum Charge and Discharge Current	100A			
Cycle Life	> 6000 times @80%DOD@25°C			
Way of Communication	RS485/CAN			
Display Screen	LCD/LED (optional)			
	IP65			

<b>Degree of Protection</b>	
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## Application

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Residential energy storage for solar power systems · Backup power supply during grid outages · Peak shaving to lower electricity bills · Off-grid living for remote homes

## Contact Us

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