

Wall-Mounted Household Energy Storage System

HJ-HBL48



Space-saving Design

Wall-mounted structure that efficiently utilizes space, ideal for indoor installation

Durable and Reliable

Built to withstand indoor conditions and provide long-lasting energy storage



Smart Energy Control

Seamless integration with solar panels and grid systems, offering off-grid, grid-tied, and hybrid configurations



High Efficiency

Advanced energy management ensures optimal charge and discharge performance



Safety Assured

Multi-level safety protections including over-charge, over-discharge, and temperature controls.



Description

The Wall-Mounted Household Energy Storage System is specifically designed for homeowners who prioritize space efficiency. With its sleek, wall-mounted design, this system minimizes the footprint while providing reliable energy storage. It is ideal for installations where floor space is limited, such as garages, basements, or utility rooms. Despite its compact size, the system offers scalable energy storage by allowing for additional modules to meet growing energy needs, making it perfect for modern homes with solar or grid-tied energy setups. Its blend of functionality and aesthetics makes it an excellent solution for residential energy management.

Technical Specification

Product Number	HJ-HBL48100W	HJ-HBL48200W
Battery Type	Lithium Iron Phosphate Battery	
Battery Power	5.12kWh	10.24kWh
Battery Capacity	100Ah	200Ah
Rated Voltage	51.2Vdc	
Rated Charge and Discharge Current	50A	100A
Maximum Charge and Discharge Current	100A	200A
Cycle Life	> 6000 times @80%DOD@25°C	
Way of Communication	RS485/CAN	
Display Screen	LCD/LED (optional)	
Degree of Protection	IP65	



Item	Specifications and Models	Unit	Quantity
Battery System	Including 1 set of battery PACK, BMS system, more than 3000 cycles	SET	1
Photovoltaic Storage Inverter	1) Photovoltaic input power: ≥5KW and photovoltaic voltage 125V~500V, with MPPT; 2) AC voltage: 230V, frequency 50HZ/60HZ, output power 5KW; 3) Battery voltage: 48V 4) With LCD/LED display, with communication RS485;	PCS	1
	WIFI module, matching the optical storage integrated inverter for use	PCS	1
Power distribution system	/	SET	1
Accessories in the cabinet	/	SET	1
Solar Panel	550W, monocrystalline silicon, single plane, N type	PIECE	6
Solar Panel Bracket	Suitable for the use of solar photovoltaic panels, the photovoltaic bracket is installed in the inclined roof	SET	6
Direct Current Cable	PV1-F 1*4mm ² RED	M	12
Direct Current Cable	PV1-F 1*4mm ² BLACK	M	12
Ground Lead	MC4 male and female Junctors, including male and female Junctor pins.	SET	2
Wooden Packaging	/	SET	1

Contact Us

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