

Wall-Mounted Household Energy Storage System

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

Summary

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.



Wall-Mounted Household Energy Storage System (HJ-HBL48 Wall Series)

Product Features

Space-saving Design

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

High Efficiency

Advanced energy management ensures optimal charge and discharge performance

Smart Energy Control

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

Safety Assured

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

Technical Parameters

Lithium Iron Phosphate Battery

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	

Product Configuration

Item	Specifications and models	Unit	Quantity
Battery system	Including 1 set of	SET	1

	battery PACK, BMS system, more than 3000 cycles		
Photovoltaic storage inverter	Hybrid type, 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	SET	6

	photovoltaic panels, the photovoltaic bracket is installed in the inclined roof		
Direct current cable	PV1-F 1*4mm²RED	M	12
Direct current cable	PV1-F 1*4mm²BLACK	M	12
Ground lead	6mm²Yellow green ground line	M	5
Junctor	MC4 male and female Junctors, including male and female Junctor pins.	SET	2
Wooden packaging	/	SET	1

Application

Solar Power Storage: Store excess solar energy during the day for use during the night or peak demand

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.highjoule.com>



Scan QR Code
Visit Our Website