

Rack-Mounted Household Energy Storage System

HJ-HBL48



Modular Design

Expandable capacity by adding more battery modules in the rack



Smart Energy Control

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



High Efficiency

Advanced energy management for optimal charge/discharge performance



Enhanced Safety

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

Rack-Mounted Household Energy Storage System		
Product Number	HJ-HBL4850R	HJ-HBL48100R
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	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	

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