

# Vertical Energy Storage Lithium Battery



Household energy storage products use high-quality square aluminum shell lithium iron phosphate cells, with intelligent battery management system(BMS), Long cycle life, High safety performance, Beautiful appearance, Free combination, and convenient installation.

The battery pack is equipped with LCD display for visualization of operating data. Compatible with most brands solar inverter and be able to communicate with it. It is widely used in distributed PV systems and home energy storage systems. Provide efficient and clean energy for household, industrial, commercial, agricultural and other electrical equipment.

## Technical Parameters

Model	L48100	
Specification	48V100Ah	51.2V100Ah
Combination	15S1P	16S1P
Capacity	4.8KWh	5.12KWh
Standard discharge current	50A	50A
Max. discharge current	100A	100A
Working voltage range	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC
Max. charging current	50A	50A
Max. charging voltage	54V	57.6V
Cycle	3000~6000cycles @DOD 80%/25°C/0.5C	
Working humidity	65±20%RH	
Operating temperature	-10~+50°C	
Working altitude	≤2500m	
Cooling method	Natural cooling	
Installation	Stack installation	
Protection level	IP20	
Max of parallel	15PCS	
Warranty	5~10 Years	
Communication	Default: RS485/RS232/CAN Optional: WiFi/4G/Bluetooth	
Certified	CE ROHS FCC UN38.3 MSDS	
Product Size	400*200*460mm	
Package Size	460*230*545mm	
Net weight	50kg	53kg
Gross weight	55kg	58kg

\*Voltage, capacity, size/color customization, OEM/ODM services can be provided according to customer needs

