

51.2V100AH (Wall Mount)

Unique Design

- ◆ New wall mount design

LED Display

- ◆ SOC, Battery Status

Flexible Capacity

- ◆ Max.15pcs in Parallel to extend capacity

Easy Installation

- ◆ Quick plug in+/-and parallel connection

Safe & Reiable

- ◆ LFP Prismatic Cell

- ◆ It is a perfect wall mounted solar energy lithium battery for residential home use. Built-in with High-Quality LFP Prismatic Cells.

- ◆ It ensures a long cycle life of the battery system. The designed BMS is verified to be compatible with different brands of inverters, hybrid on grid & off grid or off grid.



51.2V100AH and 51.2V200AH Rack Mounted Battery is made of LFP battery, With the advantage of integration, miniaturization, light, intelligence, standardized, environmental protection, it is a key energy storage element in modern energy storage systems. Integrate solar inverters and LiFePO4 battery enclosures into a pre-wired modular system for easier and faster installation.

Product Name		51.2V100-WA1
Electrical Characteristics		
Nominal Voltage	51.2V	
Nominal Capacity	100AH	
Energy	5120WH	
Battery Chemistry	Lithium Iron Phosphate (LFP)	
Cycle Life	6000 Cycles @50A Charging Discharging, Until 80% Capacity	
Operating Voltage	43.2V-57.6V	
Communication Interfaces	CAN/RS485/RS232	
Scalable	Up to 15 units	
Expansion function	Single-pack level heat aerosolfre extinguishing device/Heating function/ bluetooth	
Charge & Discharge		
Recommended charging/discharging current	50A	
Maximum continuous charge/discharge current	100A	
Recommended charging/discharging current	250A 10S	
Conversion efficiency	99%,25°C/1C	
Environmental		
Environment	Indoor	
Charging Temperature	With heating function: -20~55°C; Without heating function: 0~55°C	
Discharging Temperature	-20 to 60°C	
Storage Temperature	Between 20°C and 45°C within three months; 25±3°C for more than three months	
Storage humidity	65+20% RH	
Altitude	≤3,000 m	
Cooling Method	Natural Convection	
IP Rating	IP20	
Mechanical		
Dimension (L*W*D)	780*495*217mm	
Weight	55KG	
Installation	Wall-mounted	
Certification		
Certificate	CB, IEC62619, UL1973, UL9540A, CE-EMC,UN38.3, MSDS	