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℃/1C
Environmental	
Environment	Indoor
Charging Temperature	With heating function: -20~55℃; Without heating function: 0~55℃
Discharging Temperature	-20 to 60℃
Storage Temperature	Between 20℃ and 45℃ within three months; 25±3℃ for more than three months
Storage humidity	65+20% RH
Altitude	≤3,000 m
Cooling Method	Natural Convection
IP Rating	IP20
Mechanical	
Weight	55KG
Installation	Wall-mounted
Certification	
Certificate	CB, IEC62619, UL1973, UL9540A, CE-EMC,UN38.3, MSDS