



ML 200-51.2- W01

Residential LFP Battery Series

51.2 V 200Ah 10.24 KWh

A sleek and space-saving solution for your energy storage needs. With its compact design and easy installation, it seamlessly blends into any environment. Whether in your home, office, or commercial space, our wall-mounted unit provides reliable and efficient energy storage.

ML200-51.2-W01 is a perfect wall-mounted solar energy lithium battery for residential home use. Built-in with High-Quality LiFePO4 large capacity 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.



FEATURES



Unique Design
New wall mount design



Flexible Capacity
Max.15pcs in Parallel to extend capacity



Safe & Reliable
Lithium Iron Phosphate (LFP) Cell



Touch color LCD



Easy Installation
Quick plug in +/- and parallel connection



Communication
RS232,CAN,RS485



Dimensions



Performance

Nominal Voltage	51.2 Vdc
Nominal Capacity	200Ah
Battery Energy	10240Wh
Recommend Charge Voltage	56V±0.2
Nominal Charge/Discharge Current	100A
Nominal Charge/Discharge Power	5120W
Max Charge / Discharge Current	200A
Max Charge / Discharge Power	10240W

Communication

Display	Touch color LCD
Communication	RS232、RS485、CAN

General Specification

Dimension(WxDxHmm)	787*514*145mm
Weight (Kg)	88kg
Installation	Floor stand or Wall mounted
Charging Temperature Range	0°C ~ 55°C
Discharge Temperature Range	-20°C ~ 60°C
Operating / Storage /humidity	≤95%RH
Max Operating Altitude	≤2000m
IP Rating	IP21
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate
Cycle life	6000 Cycles @ 80% DOD /25°C /0.5C, 60% EOL
Scalability	Max 15 batteries in parallel