



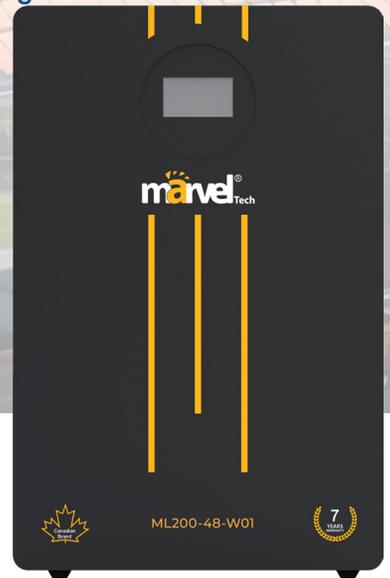
# ML 200-48- W01

## Residential LFP Battery Series

48V 200Ah 9.6KWh

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.

ML200-48-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

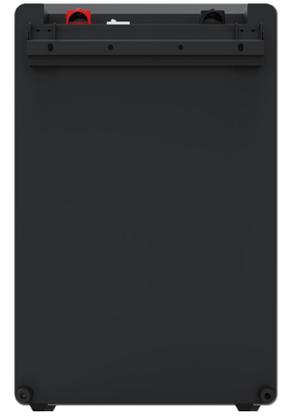


#### Communication

RS232,CAN,RS485



# Dimensions



## Performance

Nominal Voltage	48Vdc
Nominal Capacity	200Ah
Battery Energy	9600Wh
Charge Voltage	54+-0.2Vdc
Discharge Voltage	43.5Vdc
Nominal Charge/Discharge Current	100A
Nominal Charge/Discharge Power	4800W
Max Charge / Discharge Current	200A
Max Charge / Discharge Power	9600W
Short Circuit Current	540A/3mS

## Communication

Display	Touch color LCD
Communication	RS232, RS485, CAN

## General Specification

Dimension(WxDxHmm)	787*514*145mm
Weight (Kg)	86kg
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 <sub>4</sub> , Lithium Iron Phosphate
Cycle life	6000 Cycles @ 80% DOD /25°C /0.5C, 60% EOL
Scalability	Max 15 batteries in parallel

## Standard Compliance

### Certification

1. Test conditions: 100% depth of discharge (DoD), 0.2C rate charge & discharge at 25°C.
2. Charge/discharge derating occurs when the operating temperature from -10°C to 5°C & 45°C to 55°C.
3. Condition apply. Refer to ML200-48-W01 Warranty Letter.