

# Power Storage Wall

BR-WM-LV 10KWH



## Features

CE

MSDS

UN38.3

### Reassuring Foundation

Adopted the most stable and safe lithium iron phosphate (LiFePO4) battery

### High Cost Performance

More than 6000 cycles, 10 years service life, providing long-term energy for your home

### High Safety

Build-in BMS, protection functions of discharge, over charge, over current, high temperature and low temperature

### Arbitrary Extension

The same capacity of the battery can be freely expanded to meet the electricity demand in an all-round way

### All in Control

Equipped with RS232/ RS485/ CAN bus ports, the most important with bluetooth and WIFI function

### Perfect Match

Compatible with inverters of most main stream brands on the market



## Technical Specification

Model	BR-WM-LV 10KWH
<b>Main Parameter</b>	
Cell Technology	Lithium-iron Phosphate (LiFePO4)
Nominal Energy	10kWh
Round-Trip Efficiency	98%
Scalability	Max. 15 Modules in Parallel
Dimensions(L/W/H)	630*510*245mm
Weight	97kg
Installation	Indoor
Warranty	10 Years Product Warranty 15 Years Performance Warranty
<b>Electrical Parameter</b>	
Nominal Voltage	51.2V
Nominal Capacity	200Ah
Max Charge Current	100A
Max. Cont. Charge Current	100A
Max Discharge Current	100A
Max. Cont. Discharge Current	100A
Operating Voltage Range	43.2V - 57.6V
Charge Cut-Off Voltage	58.4V
Discharge Cut-Off Voltage	43.2V
<b>General Parameter</b>	
Cycle Life	≥6000 Times (80%DoD)
Service Life	10 Years
Protection Rating	IP55
Display	SOC Status Indicator, LED Indicator
Communication	RS485, RS232, CAN
Charge Temperature Range	0°C~60°C
Discharge Temperature Range	-20°C~60°C (Under 0°C work with reduced capacity)
Storage Temperature Range	-40°C~55°C @ 60%±25% relative humidity
<b>Compatible Inverters</b>	SMA, Victron Energy, Deye, Goodwe, Growatt, Sermatec, etc.

\* Compatible tests with different brands of inverter are continuously, updates will be periodically.

\*\* Under specific test conditions.