

Power Storage Wall

BR-WM-LV 5KWH

BR-WM-LV 10KWH



10KWH



5KWH

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 5KWH	BR-WM-LV 10KWH
Main Parameter		
Cell Technology	Lithium-iron Phosphate (LiFePO4)	
Nominal Energy	5kWh	10kWh
Round-Trip Efficiency	98%	
Scalability	Max. 15 Modules in Parallel	
Dimensions(L/W/H)	615*500*160mm	615*580*215mm
Weight	53kg	88kg
Installation	Indoor	
Warranty	10 Years Product Warranty 15 Years Performance Warranty	
Electrical Parameter		
Nominal Voltage	51.2V	
Nominal Capacity	100Ah	200Ah
Max Charge Current	100A	100A
Max. Cont. Charge Current	100A	100A
Max Discharge Current	100A	100A
Max. Cont. Discharge Current	100A	100A
Operating Voltage Range	43.2V – 57.6V	
Charge Cut-Off Voltage	58.4V	
Discharge Cut-Off Voltage	43.2V	
General Parameter		
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 (Under 0°C extra heating mechanism)	
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	
Compatible Inverters	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.