

Power Storage Wall

BR-WM-LV 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
Main Parameter	
Cell Technology	Lithium-iron Phosphate (LiFePO4)
Nominal Energy	5kWh
Round-Trip Efficiency	98%
Scalability	Max. 15 Modules in Parallel
Dimensions(L/W/H)	530*450*242mm
Weight	60kg
Installation	Indoor
Warranty	10 Years Product Warranty 15 Years Performance Warranty
Electrical Parameter	
Nominal Voltage	51.2V
Nominal Capacity	100Ah
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
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
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.