

51.2V Wall-mounted LiFePO4 Series

BR-WM-LV 5KWH

BR-WM-LV 10KWH



5KWH

10KWH

Features

CE

MSDS

UN38.3

Reassuring Foundation

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

High Safety

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

All in Control

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

High Cost Performance

More than 6000 cycles, 15 years service life, providing long-term energy for your home

Arbitrary Extension

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

Perfect Match

Compatible with inverters of most main stream brands on the market

Model	BR-WM-LV 5KWH	BR-WM-LV 10KWH
Cell Technology	Lithium-iron Phosphate (LiFePO4)	
Nominal Energy	5kWh	10kWh
Nominal Voltage	51.2V	51.2V
Nominal Capacity	100Ah	200Ah
Dimensions(L/W/H)	530*450*242mm	630*510*245mm
Weight	60kg	97kg
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	
Installation	Indoor	
Warranty	10 Years Product Warranty 15 Years Performance Warranty	
Round-Trip Efficiency	98%	
Scalability	Max. 16 Modules in Parallel	
Cycle Life	≥6000 Times (80%DoD)	
Service Life	15 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.	