

51.2V WALL-MOUNTED LIFEPO4 SERIES

- BR-WM-LV 5KWH
- BR-WM-LV 6KWH
- BR-WM-LV 7.6KWH
- BR-WM-LV 10KWH



PRODUCT FEATURES

Advanced LiFePO4 Technology
Lithium iron phosphate(LFP) Battery,
longer cycle life, stable performance

Advanced Protection
BasenGreen Smart BMS & Protective
Circuit Breaker Reliable protection against
electric fault

Multi-language Support
Touch screen, easy to operate,
supports multiple languages

Reliable Power
Up to 15 years service life

Flexible Configuration
Support up to 16 units in parallel

APP Monitoring
Real-time monitor from Bluetooth & Wi-Fi

Model	BR-WM-LV 5KWH	BR-WM-LV 6KWH	BR-WM-LV 7.6KWH	BR-WM-LV 10KWH
Battery Chemistry	Lithium iron phosphate(LiFePO4)			
Rated Voltage(V)	51.2			
Operating Voltage Range(V)	43.2-57.6			
Charge/Discharge Cut-off Voltage(V)	58.4/43.2			
Capacity(Ah)	100	125	150	200
Energy(Wh)	5120	6144	7680	10240
Cycle Life	6000 Cycles (@80% DoD, 25°C/0.5C)	6000 Cycles (@80% DoD, 25°C/0.5C)	6000 Cycles (@80% DoD, 25°C/0.5C)	6000 cycless (@80% DoD, 25°C/0.5C)
Max. CHG/DSCHG Current(A)	100	100	100	100
Dimension(L*W*H,mm)	580*480*227	530*450*242	600*440*262	630*510*272
Weight Approximate(kg)	50	55	68	94
Communication Port	RS485, CAN			
Parallet Connection	Up to 16 units in parallel			
Protection Level	IP55			
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			
Inverter Compatibility	DEYE, Victron, Growatt, Solis, Sofar, Goodwe, etc			
Optional Feature	Heating, Cooling Fan, Active Balancer, Touch Screen, Fire Protection			
Warranty	10 Years (warranty or cycle life, whichever comes first)			

OEM/CUSTOMIZED OPTIONS

Heating

Cooling Fan

Fire Protection

Touch Screen

Active Balancer

Magnetic cover