

51.2V RACK-MOUNTED LIFEPO4 SERIES

- BR-RM-LV 5KWH

BR-RM-LV 6KWH

BR-RM-LV 7.6KWH
- BR-RM-LV 11KWH

BR-RM-LV 15KWH

BR-RM-LV 16KWH



PRODUCT FEATURES

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

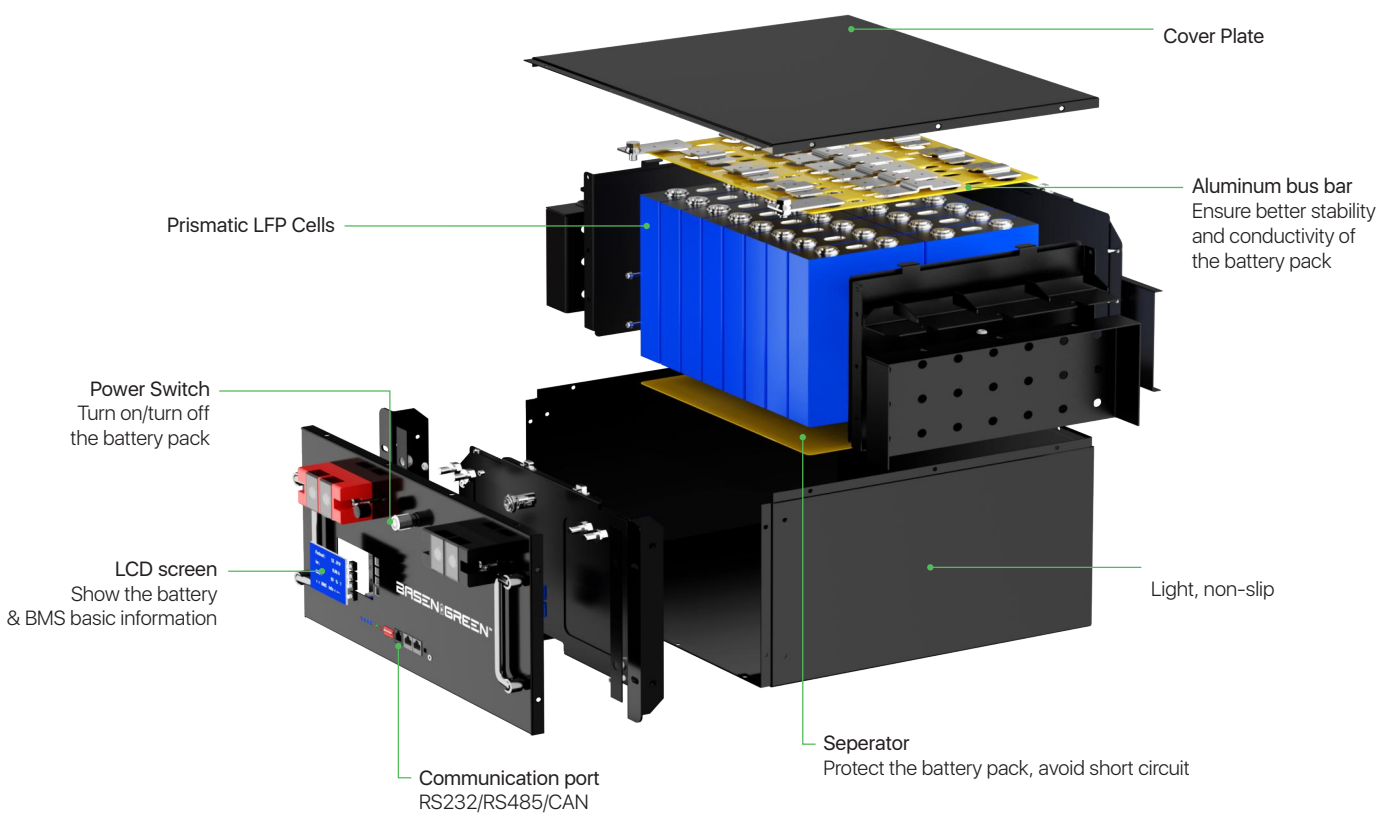
Advanced Protection
BasenGreen Smart BMS & Protective
Circuit Breaker Reliable protection against
electric fault

Modular Design
Support install with cabinet/rack

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-RM-LV 5KWH	BR-RM-LV 6KWH	BR-RM-LV 7.6KWH	BR-RM-LV 11KWH	BR-RM-LV 15KWH	BR-RM-LV 16KWH
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	230	300	314
Energy(Wh)	5120	6144	7680	11770	15360	16076
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 Cycles (@80% DoD, 25°C/0.5C)	8000 Cycles (@80% DoD, 25°C/0.5C)	8000 Cycles (@80% DoD, 25°C/0.5C)
Max. CHG/DSCHG Current(A)	100	100	100	200	200	200
Dimension(L*W*H,mm)	482*550*177	475*400*238	482*500*245	480*618*248	475*777*255	475*777*255
Weight Approximate(kg)	46	52	64	88	120	121
Communication Port	RS485, CAN, RS232					
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)					