

25.6V RACK-MOUNTED LIFEPO4 SERIES

BR-RM-LV 2.5KWH(8S)

BR-RM-LV 5.8KWH(8S)

BR-RM-LV 7.6KWH(8S)

BR-RM-LV 8KWH(8S)



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 2.5KWH(8S)	BR-RM-LV 5.8KWH(8S)	BR-RM-LV 7.6KWH(8S)	BR-RM-LV 8KWH(8S)
Battery Chemistry	Lithium iron phosphate(LiFePO4)			
Rated Voltage(V)	25.6			
Operating Voltage Range(V)	21.6-28.8			
Charge/Discharge Cut-off Voltage(V)	29.2/21.6			
Capacity(Ah)	100	230	300	314
Energy(Wh)	2560	5888	7680	8038
Cycle Life	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	200	200	200
Dimension(L*W*H,mm)	482*330*177	475*400*238	450*470*240	450*470*240
Weight Approximate(kg)	29	46	60	61
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)			

OEM/CUSTOMIZED OPTIONS



Heating



Cooling Fan



Fire Protection



Touch Screen



Active Balancer



Magnetic cover