Rack Mounted Battery Module

BMR series

MAIN FEATURES

▶ Cells cycle times 6000 cycles(+25%C 0.2C 80% DOD).
▶ Long lifespan: 5 years warranty, 10 years life design.
▶ 3U/4U rack-mount chassis design is easy for parallel expansion and maintenance.
▶ Smart BMS system to optimize the performance.
▶ Communication: RS485/SNMP/Wifi/Bluetooth, Compatible with different brand of solar inverter and chargers.
▶ All around protection: such as SOC/SOH etc..
▶ High discharge rate currents, suitable for on-grid or off- grid solar system and other loads.
▶ Maximum of 16 battery packs can be connected in parallel.
▶ With front display to know effectively the status of the batteries.

RACK MOUNTED
BATTERY MODULE

BMR series Battery Modules are high-performance, scalable, battery storage solutions.
The built-in intelligent BMS can protect the battery pack and extend its service life.
The modular design allows for flexibility, making it suitable for a broad range of storage applications.

For More about Unipower range of products, visit:
www.svcenergy.com

Technical Parameter

Model	LFP24-100	LFP48-100	LFP48-200
SPECIFICATION			
Battery Type	LiFePO4	LiFePO4	L iFePO4
Battery Model	25.6V100AH	51.2V100AH	51.2V200AH
Nominal Capacity(25℃，0.2C)WH	2560Wh	5120Wh	10240Wh
Adjustable working voltage(Vdc)	20 ~ 29.2V	40 ~ 58.4V	40 ~ 58.4V
Float Charge Voltage(Vdc)	28V	56V	56V
Max.Continuous discharge current(A)	100	100	100
Max.pulse discharge current(A)	150A(1 sec) configurable		
Max.Continuous charge current(A)	100		
Cycle life(+25°C 0.2C 80% DOD)	> 6000 Cycles		
Cell Equalizer Current(A)	0.1 ~ 5A Max.(optional)		
Terminal	Up to 16pcs		
Storage duration	6 months at 25°C		
Safety standard	IEC62619,UN38.3,MSDS,CE		
Communication function	RS485/CAN/RS232(Standard), SNMP/Wifi/Bluetooth/Dry Contact (optional)		
Communicate with mainstream inverter	Growatt/Voltronic/GOODWE/Pylontech/Kstar/MUST etc.		
PROTECTION			
Protection	Overcharge protection\Overdischarge protection\Overcurrent protection\Shortcircuit protection\Overtemperature protection		
AMBIENT			
Noise(dB)	< 40dB(1 meter)		
Working temperature	-20℃ ~ +60℃		
Humidity	0~ 95%(no condensation)		
Altitude(m)	<3000		
DIMENSION			
L*W*H(product size)mm	L444*W483*H178	L665*W483*H178	L810*W483*H178
L*W*H(package size)mm	L523*W495*H243	L770*W523*H243	L920*W523*H243
Net Weight(Kg)	27.1	47.8	79.3
Gross Weight(Kg)	28.9	49.8	82.6

Additional Features (optional feature) LCD Display

Product specifications are subject to change without notice.