SVC ENERGY

Rack Mounted LiFePO4 Battery

BMR series

8KWH



MAIN FEATURES

- Long lifespan:10 years life design.
- 6U 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 SVC range of products, visit:
www.svcenergy.com

Technical Parameter

Model	BMR25314
Specifications	
Battery Type	$LiFePO_4$
Rated capacity	314AH
Nominal Voltage	25.6Vdc
Available electricity	8038Wh
Adjustable working voltage(Vdc)	20.8V-29.2Vdc
Max.Continuous discharge current(A)	200A
Max.pulse discharge current(A)	300A(1 sec) configurable
Max.Continuous charge current(A)	200A
Designed lifespan	10^+ Years Life design
Cell Equalizer Current(A)	>70mA
Terminal	M8
Storage duration	6 months at 25℃
Safety standard	IEC62619,UN38.3,MSDS
Maximum parallel connection	16pcs
Ingress protection	IP21
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/Overdischarge/Overcurrent/Shortcircuit/Overtemperature
Ambient	
Noise Level(dB)	<40dB(1 meter)
Working temperature	-20℃-+55°C(according to above charge and discharge specifications)
Humidity	0~95%(no condensation)
Altitude(m)	<3000
Dimension	
L*W*H(product size)mm	L582*W480*H267
L*W*H(package size)mm	L655*W542*H372
Net Weight(Kg):	64.2kg
Gross Weight(Kg):	74.2kg

Additional Features (optional) LCD Display

Due to different communication protocol versions, please confirm compatibility before shipment.

Product specifications are subject to change without notice.