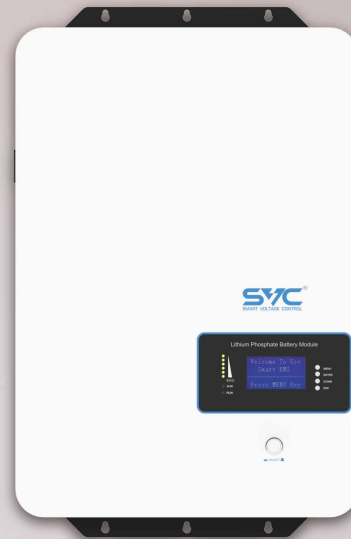


Wall Mounted Battery Module

BMV series



BMV Series WALL MOUNTED LITHIUM LiFePO4 BATTERY

Wall mounted lithium LiFePO4 Battery BMV series are high-tech products developed to meet the requirements of new backup power supplies, featuring integration, miniaturization, lightweight, intelligence, standardization, and environmental protection.

Working mode: Charging and discharging

Application field: It can be widely used in indoor distribution stations, integrated base stations, marginal stations, home photovoltaic energy storage, distributed power supply, and other fields.

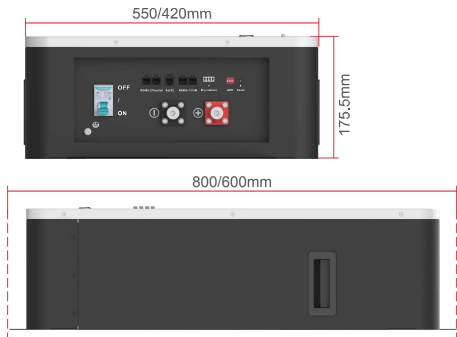
Residential Battery Module

BMV24-200/ BMV48-100/ BMV48-200

Main Features

- Cells cycle times 6000 cycles(25°C 0.2C 80% DOD).
- Long lifespan: 5 years warranty, 10 years life design.
- Wall-mounted design, space saving, easy installation, matching inverter to meet daily energy needs.
- 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.

Drawing



Technical Parameter

Model	BMV24-200	BMV48-100	BMV48-200
Specification			
Battery Type	LiFePO4	LiFePO4	LiFePO4
Battery Model	25.6V200AH	51.2V100AH	51.2V200AH
Nominal Capacity(25°C, 0.2C)WH	5120Wh	5120Wh	10240Wh
Adjustable working voltage(Vdc)	20 ~ 29.2V	40 ~ 58.4V	40 ~ 58.4V
Folat 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	100	100
Cycle life(25°C 0.2C 80% DOD)	> 6000 Cycles	>6000 Cycles	> 6000 Cycles
Cell Equalizer Current(A)	0.1 ~ 5A Max.(optional)	0.1 ~ 5A Max.(optional)	0.1 ~ 5A Max.(optional)
Terminal	Up to 16pcs		
Storage duration	6 months at 25°C		
Safety standard	IEC 62619, UN38.3, MSDS, CE		
Communication function	RS232/RS485/CAN(Standard), SNMP/Wifi/Bluetooth/Dry contact(Optional)		
Protection	Overcharge protection\Overdischarge protection\Overcurrent protection\ Shortcircuit protection\Overtemperature protection		
Ambient Noise(dB)	<40dB(1 meter)		
Working temperature	- 20°C ~ +60°C		
Humidity	0 ~ 95%(no condensation)		
Altitude(m)	<3000		
Dimension			
W*H*D(product size)mm	W420*H600*D175.5	W550*H800*D175.5	
W*H*D (package size)mm	W505*H730*D359	W654*H980*D373	
Net Weight(Kg)	48	84	
Gross Weight(Kg)	63	104	

Additional Features (optional feature) LCD Display

Due to different communication protocol versions, it is necessary to confirm clearly before shipment.