Wall Mounted Lithium LiFePO4 Battery

VBM series

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WALL MOUNTED LITHIUM LiFePO4 BATTERY

Wall mounted lithium LifePO4 Battery VBM 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

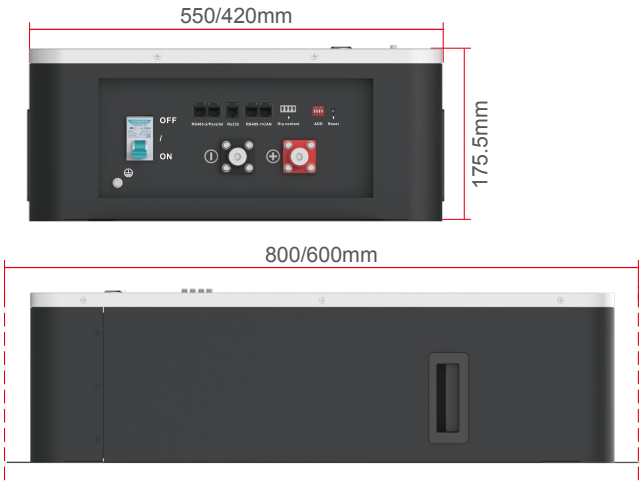
Application field: It can be widely used in indoor distribution stations, integrated base stations,marginal stations, home photovoltaic energy storage, distributed power supply, and other fields.

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

Main Features

- Cells cycle times 6000 cycles(25℃ 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	VBM-24200	VBM-48100	VBM-48200
Specification			
Battery Type	LiFePO4	LiFePO4	LiFePO4
Battery Model	25.6V200AH	51.2V100AH	51.2V200AH
Nominal Capacity(25℃, 0.2C)WH	5120Wh	5120Wh	10240Wh
Adjustable working voltage(Vdc)	22.4~29.2V	42~54.8V	42~54.8V
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℃ 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	M6		
Storage duration	6 months at 25℃		
Safety standard	IEC62619,UN38.3,MSDS,CE		
Communication function	RS485/CAN(Standard), SNMP/Wifi/Bluetooth(Optional)		
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			
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.