

# Wall Mounted Lithium LiFePO4 Battery

**FBP** series



**FBP**series

## WALL MOUNTED LITHIUM LiFePO4 BATTERY

Wall mounted lithium LifePO4 Battery FBP series are high-tech products developed to meet the requirements of new backup power supplies, featuring integration, miniaturization, lightweight, intelligence, standardization, and environmental protection.

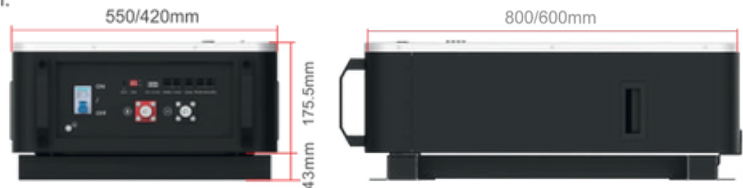
Working mode: Charging and discharging

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.

## Drawing

## 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 BMV 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.



## Technical Parameter

Model	FBP-24200	FBP-48100	FBP-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)	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℃ 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/UART/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			
L*W*H(product size)mm	L600*W420*H175.5		L800*W550*H175.5
L*W*H(package size)mm	L730*W505*H359		L980*W654*H373
Net Weight(Kg):	Approx.48kg		Approx 96.5kg
Gross Weight(Kg):	Approx.63kg		Approx 103.5kg



5 Years Warranty



Technical Support for Lifetime