

# Wall-Mounted Lithium Iron Phosphate Battery

## POW-LIO48100-16S

## POW-LIO48200-16S

POWMr

### Efficient Energy Storage and Flexible Configuration

- 100A/150A fast charging.
- Up to 16 batteries in parallel.
- 100A/150A continuous discharge.
- RS232/RS485/CAN/dry contact ports.

### Comprehensive Peace of Mind Experience

- A+ grade cells for reliable performance.
- Intelligent system ensures safety and longevity.
- Balancing module for 6000 cycles efficiency.
- Safe power design for low standby loss.



### Efficient Energy Storage and Flexible Configuration

- Wall-mounted for quick installation and space-saving.
- Remote access for real-time battery management.
- LCD display for easy monitoring and configuration.

Model		POW-LIO48100-16S	POW-LIO48200-16S
System Voltage		51.2V	
Capacity		100Ah	200Ah
Nominal Energy		5.12kWh	10.24kWh
Constant Voltage Charging Voltage		58.4V	
Max. Discharge Cutoff Voltage		43.2V	
Max. Charging Current		100A	150A
Max. Discharging Current		100A	150A
Max. Parallel Connection of Batteries		16	
Communication Interface		RS232/RS485/CAN/ Dry Contact	
Cycle Life		≥6000 Times @80%DOD, 25°C	
Operating Temp	Charging	0°C ~60°C	
	Discharging	-10°C~65°C	
Nominal Operation Altitude		< 2000m	
Nominal Operation Humidity		<90%RH	
IP Grade		IP21	
Recommended Operation Environment		Indoor	
Battery Dimensions (LxWxH)		510x440x170mm	670x450x207mm
Net Wight		44kg	87kg

## BMS Communication Protocol Compatibility



## Product Appearance

POW-LIO48100-16S



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**POWMr**

SHENZHEN HEHEJIN INDUSTRIAL CO.,LTD

www.powmr.com

Tel/Fax +86 755-28219903

E-mail: support@powmr.com

Add:Henggang Street, longgang District, ShenZhen,Guangdong, China