



1.2v 50Ah 100Ah 150Ah 200Ah 280Ah 300Ah 400Ah 500Ah Lithium Lifepo4 Battery

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: XWELL
- Certification: UN38.3, MSDS, UL, CB, BIS, PSE, GB4943.1 safety standard, CE, FCC, ROHS, battery UN38.3, MSDS, UL, CB, BIS, PSE
- Model Number: XW-5120W-1
- Minimum Order Quantity: 1 pcs
- Packaging Details: Carton
- Delivery Time: 7-10 working days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 5000 pcs per month



Product Specification

- Model Number: 48V100Ah
- System Type: Rack-mounted
- Pack Capacity: 50Ah 100Ah 200Ah
- Pack Energy: 2.56Kwh 5.12Kwh 10.24Kwh (Optional)
- Discharge Current: 50A
- Max Charge Current: 50A
- Discharge Cut-off Voltage: 42.5V
- Display: LCD Optional
- Communication Interface: RS485, RS232, CAN
- Cycle Life: >6000 Cycles(80%DOD)
- Highlight: **100Ah Lithium Lifepo4 Battery, 1.2v Lithium Lifepo4 Battery, 200Ah Lithium Lifepo4 Battery**

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Product Description

1.2v 50Ah 100Ah 150Ah 200Ah 280Ah 300Ah 400Ah 500Ah Lithium Lifepo4 Battery

Key Features

Lighter Weight, More Power.

Featuring A-grade prismatic cells with over 6000 recharge cycles.

Maintenance-free, suitable for parallel connections.

Enhanced Safety: Our batteries have undergone extensive safety testing.

Enhanced Durability: Our BMS with Intellectual Property Rights extends battery life to over 10 years.

Smart Heating: Auto-engages in cold, shuts off when warm or not charging.

Upper Computer Control Interface: User-friendly for parameter adjustments and firmware upgrades.

Basic Functions for Long-Term Safe Use

Voltage Detection and Protection: Prevents overvoltage and undervoltage conditions in the battery.

Current Detection and Protection: Monitors charging and discharging currents to prevent excessive current flow.

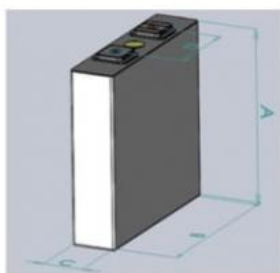
Temperature Detection and Protection: Monitors the temperature of battery cells, MOS, and the environment, providing warnings and protection during high and low-temperature charging and discharging.

Balancing Function: Effectively balances the charge levels of individual cells, enhancing the battery's life

Rackmount Lithium Battery Specification

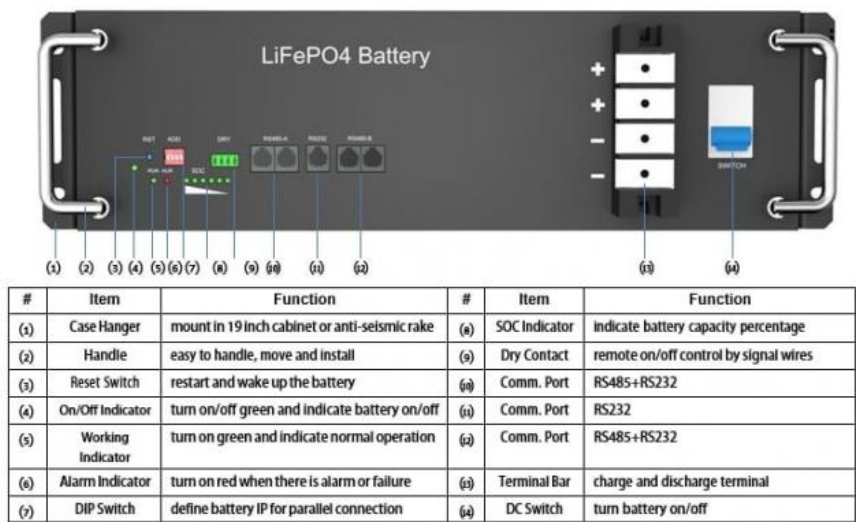
Model	51.2V50Ah	51.2V100Ah	51.2V200Ah
Nominal voltage	51.2V		
Nominal capacity (kwh)	2.56	5.12	10.24
Cell type	LiFePO4		
Standard charge voltage	54.6V(adjustable)		
Max charge current	50A		
Discharge cut-off voltage	42.5V(adjustable)		
Max discharge current	50A		
Display	LCD(Optional)		
Communication interface	CAN/RS485/RS232		
Cycle life	>6000 Cycles (80%DOD)		
Charge temperature range	0~45°C		
Discharge temperature range	-20~60°C		
Color	Black		
Dimension (mm)	442x410x133 3U	442x410x177 4U	550x442x220 5U
Weight	About 35Kg	About 42Kg	About 84Kg
Installation method	Rack Mount		

Cell Specification of Rackmount Lithium Battery



#	Item	Parameter
A	Height	119±1.0 mm
B	Width	160±1.0 mm
C	Thickness	≤50 mm
D	Tabs Distance	97±0.5 mm

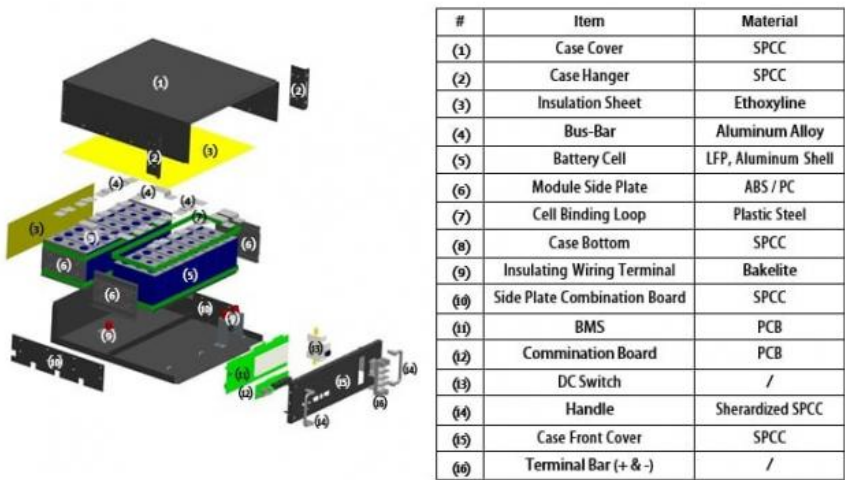
Operation Pannel of Rackmount Lithium Battery



Size of Rackmount Lithium Battery



Structure of Rackmount Lithium Battery



Application of Rackmount Lithium Battery

Application Scenario



Data Center



C&I Park



Telecom Base



Medical Equipment

What We Offer?

Supply chain solution, strict quality control, real-time response
OEM/ODM Manufacturer, custom sizes and shapes available on request
Suggestion of new design or material, new technology and cost structure
Engineers team at your service
Flexible small orders are acceptable
One-stop supply to eliminating messy links



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