



Solar Storage Rackmount Lifepo4 Battery Rechargeable BMS 5.12kwh

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

- Nominal Voltage: 48V/51.2V
- Nominal Capacity: 100Ah
- Nominal Energy: 5120wh
- Cell Type: Prismatic LiFePO4 Cells
- 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: **Solar rackmount lifepo4 battery, rackmount lifepo4 battery Rechargeable, 5.12kwh rack mount solar battery**

Product Description

Solar Storage Lithium Batteries Rechargeable LFP Rackmount LiFePO4 Battery BMS 5.12kwh

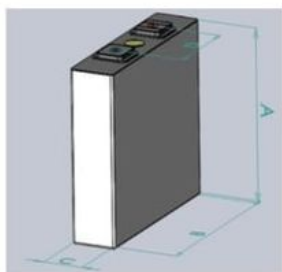
Rackmount Lithium Battery Highlight

1. High safety lifepo4 battery
2. Ten year warranty
3. Multi-level of protection
4. High energy density and low internal resistance
5. Support 485 and CAN communication
6. Competitive Price (Order large quantity of this 48v lifepo4 battery pack, contact the sales to get the lowest price)

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



#	Item	Material
(1)	Case Cover	SPCC
(2)	Case Hanger	SPCC
(3)	Insulation Sheet	Ethoxyline
(4)	Bus-Bar	Aluminum Alloy
(5)	Battery Cell	LFP, Aluminum Shell
(6)	Module Side Plate	ABS / PC
(7)	Cell Binding Loop	Plastic Steel
(8)	Case Bottom	SPCC
(9)	Insulating Wiring Terminal	Bakelite
(10)	Side Plate Combination Board	SPCC
(11)	BMS	PCB
(12)	Commination Board	PCB
(13)	DC Switch	/
(14)	Handle	Sherardized SPCC
(15)	Case Front Cover	SPCC
(16)	Terminal Bar (+ & -)	/

Application of Rackmount Lithium Battery

Application Scenario



Data Center



C&I Park



Telecom Base



Medical Equipment

FAQ

Q1: How to choose a right system and products?

A1: Tell us your requirements, then our seller will recommend a suitable product and system to you.

Q2: The advantages of home photovoltaic system

A2: Solar photovoltaic power generation performance is stable and reliable, with a service life of more than 25 years; Small investment, big income; zero pollution; Low maintenance costs;

Q3: Why choose us?

A3: XWELL have been engaged in new energy power generation for more than 16 years. Our products and services cover more than 39 countries. Our R&D team is composed of top experts in various fields. We are committed to providing first-class solutions for PV power plants.

Q4: What is the warranty of solar system?

A4: 5 years for whole system, 10 years for inverter, modules, frame. And we can make sure our products will through very strictly testing, and then send to you.

Q5: How to solve the technical problem?

A5: 24 hours after-service consultancy just for you and to make your problem to solve easily. And we have offices in many countries, if you have problems, we can arrange people to help you solve problem.

Q6: What about the package?

A6: Strict double-layer packaging design, Rigorous vibration testing. Ensure that the product is not damaged during transportation.



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