



48V 100ah Rack LiFePO4 Battery Module Rechargeable For Home Industrial Energy Storage

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

- Product Voltage: 48V
- Product Cell Type: LiFePO4 Prismatic Battery
- Product Capacity: 100Ah
- Product Energy: 5.12Kwh
- 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: **48V lifepo4 battery module, 100ah lifepo4 battery module, lifepo4 battery module Rechargeable**

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Product Description

Rechargeable 48V 100ah Rack LiFePO4 Battery Module For Home And Industrial Energy Storage

Product Description of Lifepo4 Battery Pack

Independent patent technology, stable mass production.

Stable structure, high compaction density and excellent cycle life.

Wide operating temp range and good low temp performance.

High safety and reliability and a wide range of applications.

Environmentally Friendly.

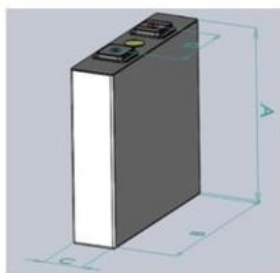
Main Applications of Home and Industrial Energy Storage Battery:

This product is mainly used for portable charging station, power failure, storm, emergency, medical equipment, fishing, CPAR, camping, electric car, etc. Customers can customize.

Lifepo4 Battery Pack 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 Lifepo4 Battery Pack

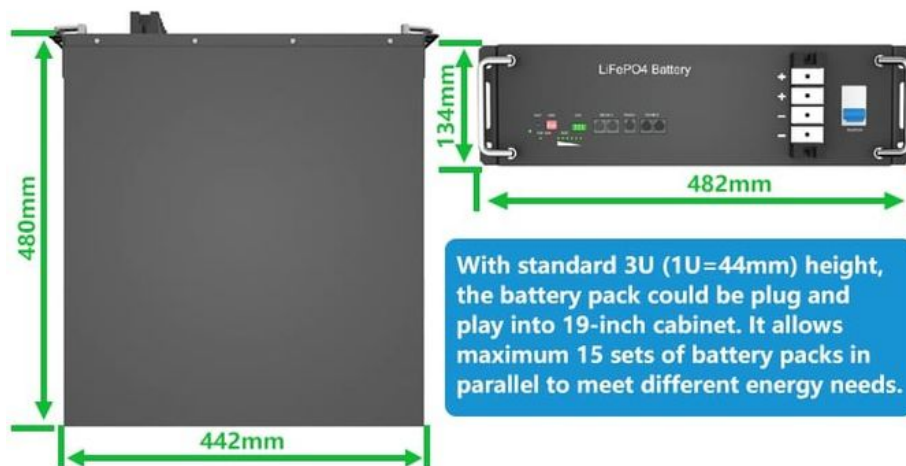


#	Item	Parameter
A	Height	119±1.0 mm
B	Width	160±1.0 mm
C	Thickness	≤50 mm
D	Tabs Distance	97±0.5 mm

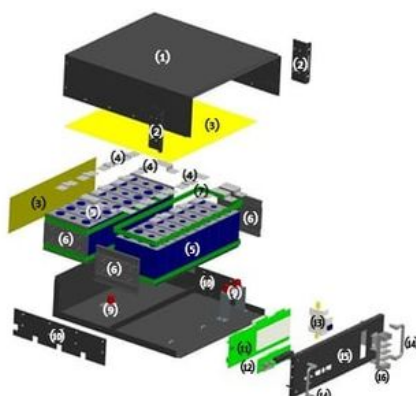
Operation Pannel of Lifepo4 Battery Pack



Size of Lifepo4 Battery Pack



Structure of Lifepo4 Battery Pack



#	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 Lifepo4 Battery Pack

Application Scenario



Data Center



C&I Park



Telecom Base



Medical Equipment

RFQ

Q1: Are you a factory or trading company?

A: We are a professional battery manufacturer with our own factory and brand. We provide all kinds of OEM/ODM services for clients, can produce by your samples or technical drawings. We can build the molds and fixtures.

Q2: Can I have a sample order?

A: Yes, we welcome sample orders to test and check quality.

Q3: Where can I get the price?

A: We will offer you the best quotation in 12 hours after we get the product specifications such as voltage capacity application etc.

Q4: What are your terms of payment?

A: T/T 30% as deposit, and 70% before delivery. We'll show you the photos of the products and packages before you pay the balance.

Q5: How about your delivery time?

A: Generally, it will take 15-30 days after receiving your advance payment. The specific delivery time depends on the items and the quantity of your order.

Q6: Do you test all your goods before delivery?

A: Yes, we have a professional QC team to make sure that the product is in good condition before sending out the goods.

Q7: How do you make our business long-term and good relationship?

A: 1. We keep good quality and competitive price to ensure our customers benefit ;

2. We respect every customer as our friend and we sincerely do business and make friends with them, no matter where they come from.



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