

LiFePO4 Rechargeable Lithium Battery Pack 51.2V 48V 100ah 150ah For Home Solar Powerwall

UN38.3,MSDS,UL,CB,BIS,PSE,GB4943.1 safety standard, CE, FCC, ROHS, battery UN38.3, MSDS, UL, CB, BIS, PSE

Basic Information

- Place of Origin:
- Brand Name: XWELL

China

XW-5120W-1

7-10 working days

5000 pcs per month

MoneyGram

- Certification:
- Model Number:
- Minimum Order Quantity: 1 pcs
- Packaging Details: Carton
- Delivery Time:
- Payment Terms: L/C, D/A, D/P, T/T, Western Union,
- Supply Ability:



Product Specification

 Product Voltage: 	48V 51.2V
 Product Cell Type: 	LiFePO4 Prismatic Cell
Product Capacity:	50 100 200Ah
 Product Energy: 	2.56 5.12 10.24Kwh
 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:	LiFePO4 Rechargeable Lithium Battery Pack, Rechargeable Lithium Battery Pack 51.2V, 150ah rechargeable lifepo4 battery pack

Rechargeable Lithium Battery Pack 51.2V 48V 100ah 150ah 200ah 300ah Li-Ion LiFePO4 Rack Battery UPS Home Solar Powerwall

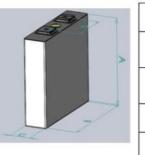
This Lithium-Ion Battery has a long lifespan of 6000 cycles at 80% depth of discharge at 25°C. In addition, the batteries can support up to 15 batteries in parallel for expansion. The batteries are set to sleep mode (off) during transportation and storage to reduce loss of capacity. has the following remarkable characteristics:

- 1. Long lifespan of 6000 cycles at 80% DoD at 25'C.
- 2. Excellent charge and discharge capacity.
- 3. The Batteries can support up to 15 batteries in parallel for expansion.
- 4. The Batteries are set to sleep mode (off) during transportation and storage to reduce loss of capacity.
- 5. Disconnect active power from output terminals for enhanced safety.
- 6. Lightweight and compact.
- 7. Easy to install and maintain.
- 8. Built-in Battery Management System (BMS).
- 9. Environmentally friendly.
- 10. Rentech provides Lithium-ion batteries with proven Lithium Iron Phosphate (LifePO4) chemical composition.
- This product has a 3-5-year warranty

Rechargeable Lithium Battery Pack Specification

Model	51.2V50Ah	51.2V100Ah	51.2V200Ah	
Nominal voltage		51.2V	I	
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 Rechargeable Lithium Battery Pack

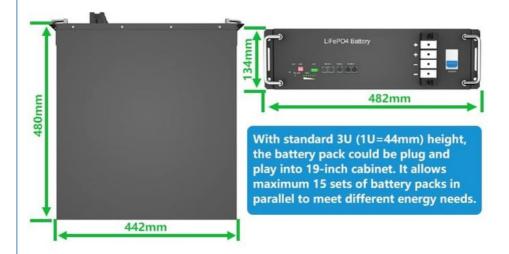


1	#	Item	Parameter
A	А	Height	119±1.0 mm
	В	Width	160±1.0 mm
/	c	Thickness	≤50 mm
	D	Tabs Distance	97±0.5 mm

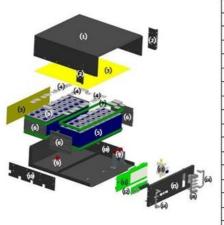
Operation Pannel of Rechargeable Lithium Battery Pack

		LiFePO4 Battery			+
	م				
	(1) (2) (3) (4) (5)(6)(7) (8) (9) (0) (1) (12			(3) (4)
#	(1) (2) (3) (4) (5 Item)(6)(7) (a) (a) (a) (a) Function	#	Item	(3) (4) Function
#			#	Item SOC Indicator	
#	Item	Function			Function
# (1) (2)	Item Case Hanger	Function mount in 19 inch cabinet or anti-seismic rake	(8)	SOC Indicator	Function Indicate battery capacity percentage
	Item Case Hanger Handle	Function mount in 19 inch cabinet or anti-seismic rake easy to handie, move and install	(8) (9)	SOC Indicator Dry Contact	Function indicate battery capacity percentage remote on/off control by signal wires
# (1) (2) (3)	Item Case Hanger Handle Reset Switch	Function mount in 19 inch cabinet or anti-seismic rake easy to handle, move and install restart and wake up the battery	(8) (9) (0)	SOC Indicator Dry Contact Comm. Port	Function indicate battery capacity percentage remote on/off control by signal wires RS485+RS232
# (1) (2) (3) (4)	Item Case Hanger Handle Reset Switch On/Off Indicator Working	Function mount in 19 inch cabinet or anti-seismic rake easy to handle, move and install restart and wake up the battery turn on/off green and indicate battery on/off	(8) (9) (0) (1)	SOC Indicator Dry Contact Comm. Port Comm. Port	Function indicate battery capacity percentage remote on/off control by signal wires RS485+RS232 RS232

Size of Rechargeable Lithium Battery Pack



Structure of Rechargeable Lithium 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	1
(14)	Handle	Sherardized SPCC
(15)	Case Front Cover	SPCC
(16)	Terminal Bar (+ & -)	1

Application of Rechargeable Lithium Battery Pack

Application Scenario



Data Center



Telecom Base

RFQ

Q1: Are your 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 is 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 in good condition before send 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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C&I Park



Medical Equipment