



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

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 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**

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## Product Description

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

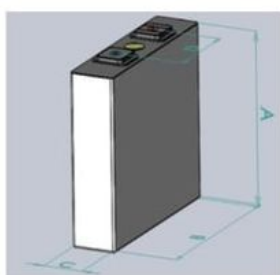
This Lithium-Ion Battery has a long lifespan of 6000 cycles at 80% depth of discharge at 25°C. In addition, the batteries can support up to 15 batteries in parallel for expansion. The batteries are set to sleep mode (off) during transportation and storage to reduce loss of capacity. has the following 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 (LiFePO<sub>4</sub>) chemical composition.
- This product has a 3-5-year warranty

### Rechargeable Lithium Battery Pack Specification

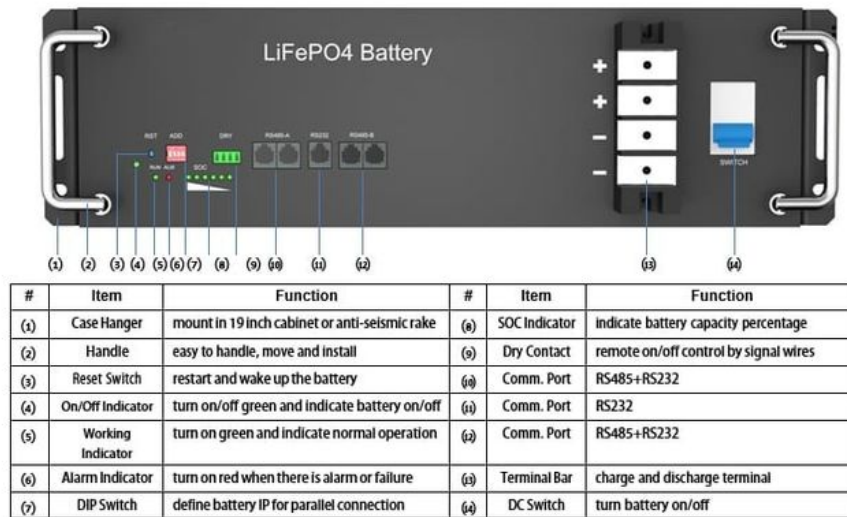
Model	51.2V50Ah	51.2V100Ah	51.2V200Ah
Nominal voltage	51.2V		
Nominal capacity (kwh)	2.56	5.12	10.24
Cell type	LiFePO <sub>4</sub>		
Standard charge voltage	54.6V(adjustable)		
Max charge current	50A		
Discharge cut-off voltage	42.5V(adjustable)		
Max discharge current	50A		
Display	LCD(Optional)		
Communication 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

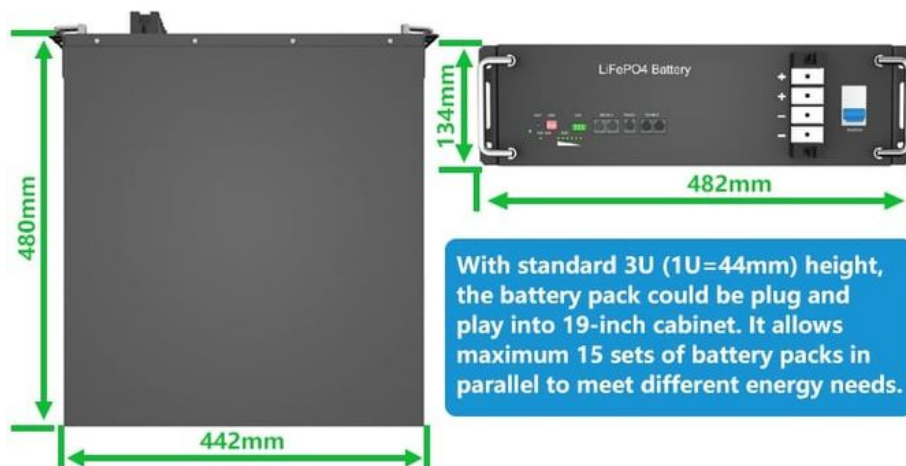


#	Item	Parameter
A	Height	119±1.0 mm
B	Width	160±1.0 mm
C	Thickness	≤50 mm
D	Tabs Distance	97±0.5 mm

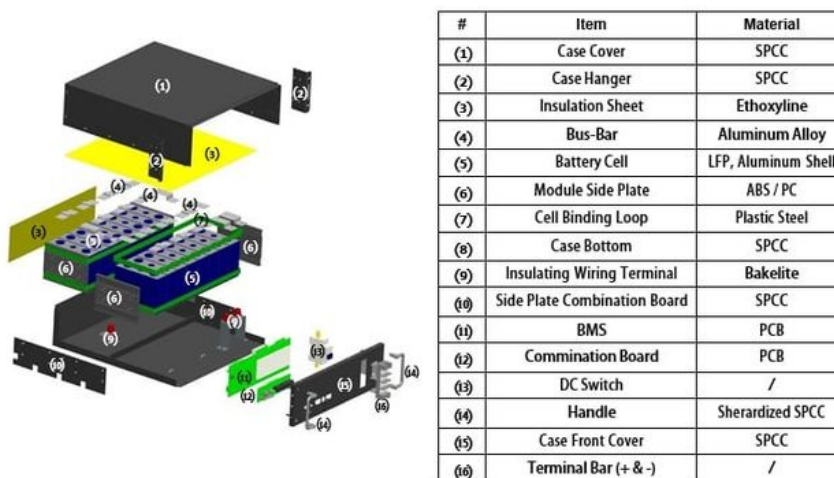
### Operation Pannel of Rechargeable Lithium Battery Pack



### Size of Rechargeable Lithium Battery Pack



### Structure of Rechargeable Lithium Battery Pack



### Application of Rechargeable Lithium 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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