



## Lifepo4 Smart Rack Mount 48v Battery 100Ah 200Ah 5Kwh 10Kwh For Home 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-2560W-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

- Voltage: 51.2V
- Capacity: 50Ah
- Energy: 2.56kwh
- Cell Model: LiFePO4 Prismatic
- 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: **Rack Mount 48v Battery 5Kwh,  
Rack Mount 48v Battery 10Kwh,  
Lifepo4 48v rack mount battery**

## Product Description

### Lifepo4 Smart Rackmount Lithium Battery 48V 100Ah 200Ah 5Kwh 10Kwh Lithium Solar Battery Home Energy Storage

#### Rack-mounted energy storage (Home/Industrial)

Pack modular design, strong universality, convenient installation, simple operation, independent maintenance, high reliability, safety, large space, conducive to ventilation and heat dissipation, is the main component of household power supply, lithium iron phosphate battery has long life, enough stability, more security and other characteristics.

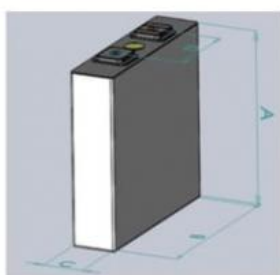
#### Good Quality -- ISO9001:2019 Standard

37 production processes and 7 steps quality check to promise stable quality for you. Xwell has very strictly quality control system including incoming materials control, in-process quality control and outgoing quality control. We do 100% full quality check and aging test to ensure product quality.

#### 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 Panel 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

1. Q: Are you a manufacturer?

A: Yes, we have been offering specialized products in this field for 20 years.

2. Q: How do you pack these products?

A: Usually packed according to export standard or your requirement.

3. Q: Is it customizable?

A: Yes, according to your requirements.

4. Q: After-sales service

A: 24-hour technical support by phone, email or skype

5. Q: What is your lead time?

A: Spot goods usually take 3-5 days, and customization takes 5-7 days



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