



## Rack Mounted Lithium Ion LFP Wall Battery 8500 Cycle Lifepo4 Storage For Solar System 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-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

- System Type: Rack-mounted
- Battery Type: LiFePO4
- Pack Capacity: 50Ah 100Ah 200Ah
- Pack Energy: 2.56Kwh 5.12Kwh 10.24Kwh (Optional)
- 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 Mounted Lithium Ion Battery, 8500 Cycle Lifepo4 Storage**

## Product Description

### Rack Mounted Lithium Ion LFP Wall Battery 8500 Cycle Lifepo4 Storage For Solar System Home Energy Storage

Q:I need more function such Bluetooth and LED screen,i also want anti vibration design,can i customized my battery pack?

A: Yes of course, just let me know what exactly you need, our professional engineer team will give you an excellent solution, more than you expectation.

Q: Can these battery pack be compatible with my inverter? do you have a company list of the inverter which is compatible?

A: Yes sir, our battery pack can compatible with most brand of inverter on the market, contact us and let me tell you more.

Q: Is the battery used in the battery pack grade A?

A: Yes, we only use Grade A and Brand new cells inside.

Q: What is the cycle life of the battery?

A: 6000 times cycle life @ 80% DOD

Q: How do you pack these products?

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

Q: Is it customizable?

A: Yes, according to your requirements.

Q: What should I do if I don't know how to install the battery box after receiving it?

A: This kit is particularly easy to install and we have instructions.You can also contact us anytime if need help.

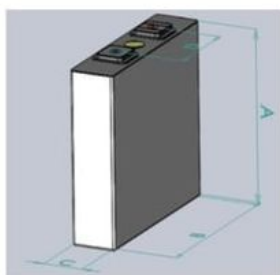
## Application

1.Solar Energy Storage Systems, Uninterruptible Power Supplies, E-bike, E-scooter, Home Electrics, Electric Vehicle , Golf Cart.....

### Rackmount Lithium Battery Specification

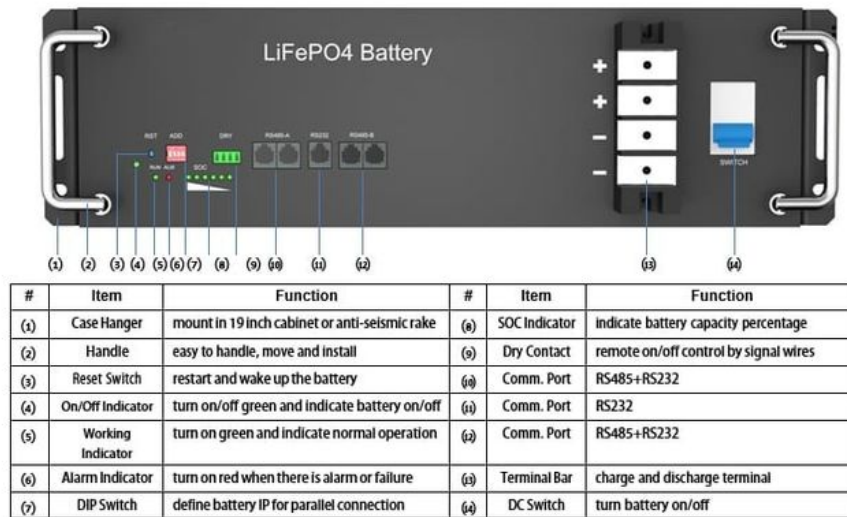
Model	51.2V50Ah	51.2V100Ah	51.2V200Ah
Nominal voltage	51.2V		
Nominal capacity (kwh)	2.56	5.12	10.24
Cell type	LiFePO4		
Standard charge voltage	54.6V(adjustable)		
Max charge current	50A		
Discharge cut-off voltage	42.5V(adjustable)		
Max discharge current	50A		
Display	LCD(Optional)		
Communication 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

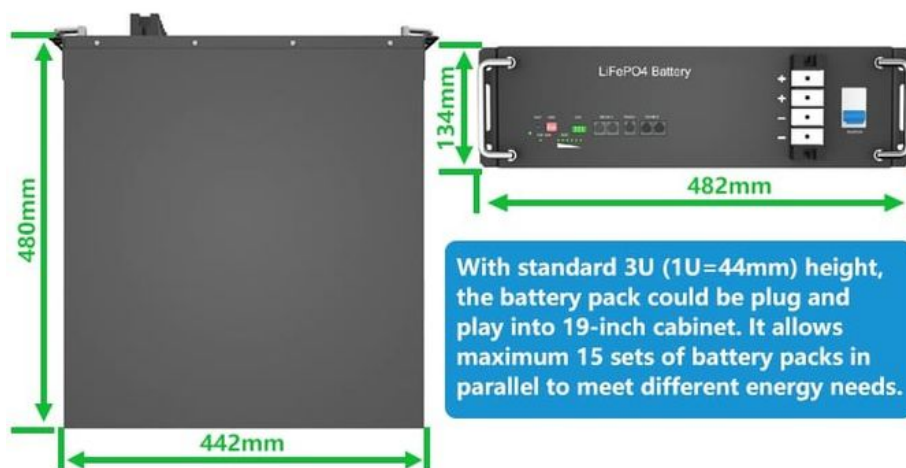


#	Item	Parameter
A	Height	119±1.0 mm
B	Width	160±1.0 mm
C	Thickness	≤50 mm
D	Tabs Distance	97±0.5 mm

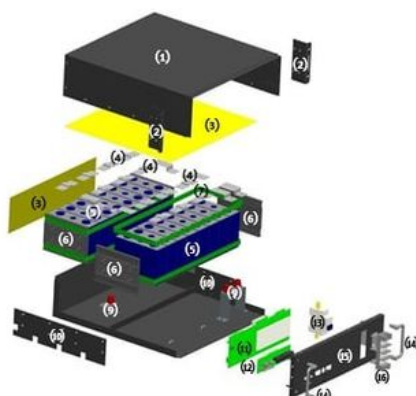
### Operation Pannel of Rackmount Lithium Battery



### 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

### What We Offer?

Supply chain solution, strict quality control, real-time response  
OEM/ODM Manufacturer, custom sizes and shapes available on request  
Suggestion of new design or material, new technology and cost structure  
Engineers team at your service  
Flexible small orders are acceptable  
One-stop supply to eliminating messy links



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