



## 5U LCD Rackmount Lithium Battery 51.2V 200Ah For Residential Commercial

### 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-10240W-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

- Battery Capacity: 200Ah
- Battery Energy: 10.24kwh
- Cell Type: Prismatic Cell LiFePO4
- Voltage: 51.2V
- Max Working Current: 50A
- Standard Charge Voltage: 54.6V
- Max Charge Current: 50A
- Discharge Cut-off Voltage: 42.5V
- Communication Interface: RS485, RS232, CAN
- Cycle Life: >6000 Cycles(80%DOD)
- Highlight: **5U Rackmount Lithium Battery, Rackmount Lithium Battery Residential, 200Ah Residential Lithium Battery**

## Product Description

### 51.2V 200Ah Lifepo4 Lithium Batteries Residential Commercial Energy Storage Solar 5U Rackmount Lithium Battery LCD

#### Features of Rackmount Lithium Battery

1. Choice Monitor Digital Display
2. Battery is with digital display which allow users to monitor voltage of each serial of cells, battery's rated voltage and capacity, temperatures and BMS parameters etc.
3. Support max. 6 parallels
4. If without master control, it support max. 6 parallels for highest 30.72Kwh battery system; If with standard master controls, it can be paralleled and serialed with more batteries.

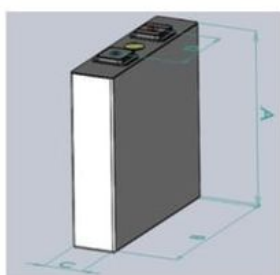
#### Advantages of Rackmount Lithium Battery

1. FAST: Strict quality inspection system, quality assurance
2. STRONG TEAM: Own technical construction team, more efficient management
3. ALL OF QUALIFICATION: We have various construction service qualification, qualification certification complete
4. EXCELLENT SERVICE: 7\*24 hours 400 customer service line, always protect your rights and interests

#### Rackmount Lithium Battery Specification

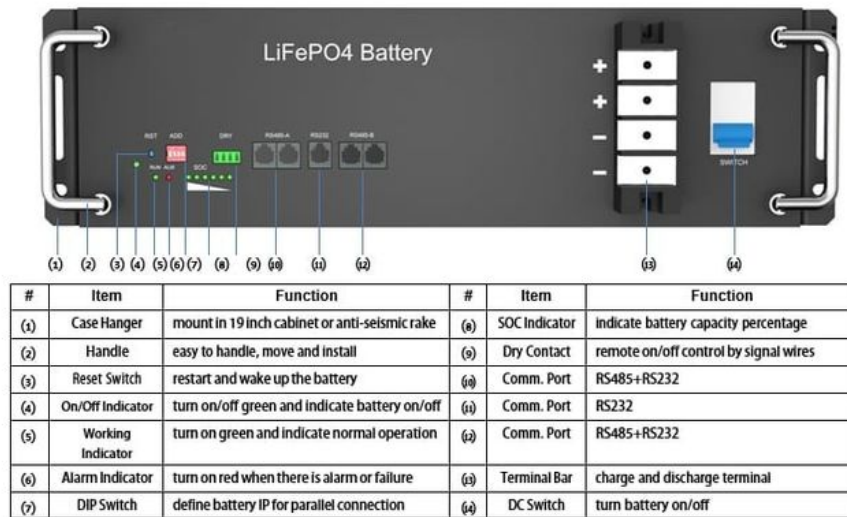
Model	51.2V50Ah	51.2V100Ah	51.2V200Ah
Nominal voltage	51.2V		
Nominal capacity (kwh)	2.56	5.12	10.24
Cell type	LiFePO4		
Standard charge voltage	54.6V(adjustable)		
Max charge current	50A		
Discharge cut-off voltage	42.5V(adjustable)		
Max discharge current	50A		
Display	LCD(Optional)		
Communication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

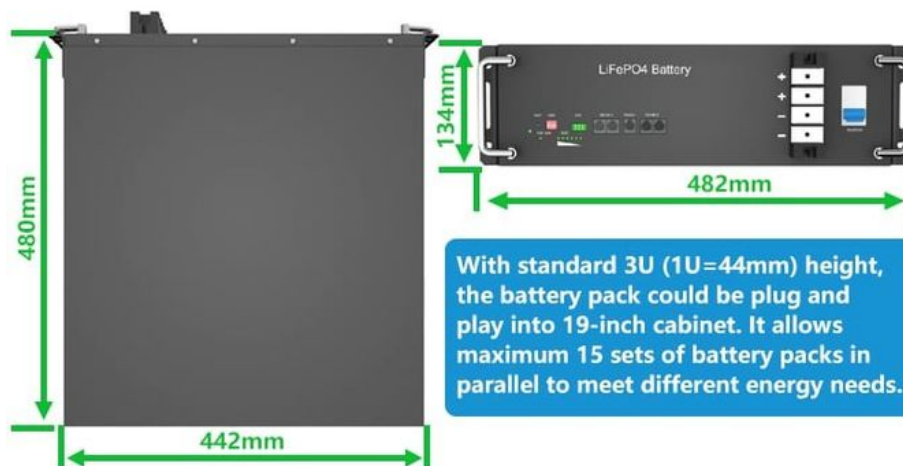


#	Item	Parameter
A	Height	119±1.0 mm
B	Width	160±1.0 mm
C	Thickness	≤50 mm
D	Tabs Distance	97±0.5 mm

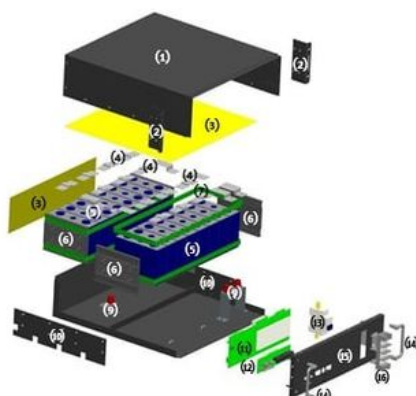
#### Operation Pannel of Rackmount Lithium Battery



### Size of ESS 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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