



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

Basic Information

Place of Origin: ChinaBrand Name: XWELL

Certification: UN38.3,MSDS,UL,CB,BIS,PSE,GB4943.1

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safety standard, CE, FCC, ROHS, battery LIN38.3 MSDS LIL CB BIS PSF

UN38.3, MSDS, UL, CB, BIS, PSE

Model Number: XW-10240W-1

Minimum Order Quantity: 1 pcsPackaging 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: 200AhBattery 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

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 rightsand 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
В	Width	160±1.0 mm
	Thickness	≤50 mm
D	Tabs Distance	97±0.5 mm

Operation Pannel of Rackmount Lithium Battery

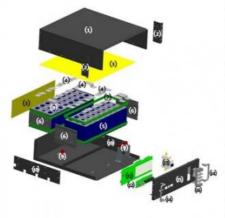


#	Item	Function	#	Item	Function
(1)	Case Hanger	mount in 19 inch cabinet or anti-seismic rake	(8)	SOC Indicator	indicate battery capacity percentage
(2)	Handle	easy to handle, move and install	(9)	Dry Contact	remote on/off control by signal wires
(3)	Reset Switch	restart and wake up the battery	(10)	Comm. Port	RS485+RS232
(4)	On/Off Indicator	turn on/off green and indicate battery on/off	(11)	Comm. Port	RS232
(5)	Working Indicator	turn on green and indicate normal operation	(12)	Comm. Port	RS485+RS232
(6)	Alarm Indicator	turn on red when there is alarm or failure	(13)	Terminal Bar	charge and discharge terminal
(7)	DIP Switch	define battery IP for parallel connection	(4)	DC Switch	turn battery on/off

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
(io)	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 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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