



Lifepo4 Smart Rack Mount 48v Battery 100Ah 200Ah 5Kwh 10Kwh For Home Energy Storage

Basic Information

Place of Origin: ChinaBrand 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: 51.2VCapacity: 50AhEnergy: 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 along life, enough stability, more security and other characteristics.

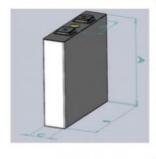
Good Quality -- ISO9001:2019 Standard

37 production processes and 7 steps quality check to promise stable quality for you. Xwell has very strictly quality control system includind 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
В	Width	160±1.0 mm
С	Thickness	≤50 mm
D	Tabs Distance	97±0.5 mm

Operation Pannel of Rackmount Lithium Battery

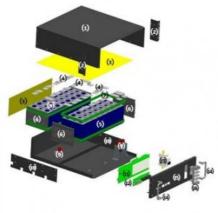


#	Item	Function	#	Item	Function
(1)	Case Hanger	mount in 19 inch cabinet or anti-seismic rake	(8)	SOC Indicator	indicate battery capacity percentage
(2)	Handle	easy to handle, move and install	(9)	Dry Contact	remote on/off control by signal wires
(3)	Reset Switch	restart and wake up the battery	(10)	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 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 Shel
(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
(B)	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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