



Customized Lifepo4 Solar Storage Lithium Battery 48V 51.2V 100Ah 200Ah

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

- Nominal Voltage: 48 51.2 Volts
- Nominal Capacity: 50 100 200 Amper Hour
- Nominal Energy: 2560 5120 10240 Wh
- Cell Type: LiFePO4 Prismatic Cell
- 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: **Customized Solar Storage Lithium Battery, Solar Storage Lithium Battery 48V, 100Ah solar lithium storage battery**

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Product Description

Lifepo4 Batteries Solar Storage 48V 51.2V 100Ah 200Ah Rackmount Lithium Ion Iron Phosphate Battery

How do I choose the correct lithium deep cycle battery for my application?

In most standard 12, 24, or 48 volt systems, the best choice of lithium battery is LiFePO₄ (Lithium Iron Phosphate/ Pouch/Primary battery cell). The voltage of this type of battery is very similar to an AGM and will work great with readily available system components for your RV, boat, off-grid power system, solar house(TV, refrigerator, washing machine, air conditioner, water heater, microwave oven, induction cooker, dishwasher, printer, computer),Telecommunication Tower, hybrid & off-grid solar energy system applications.

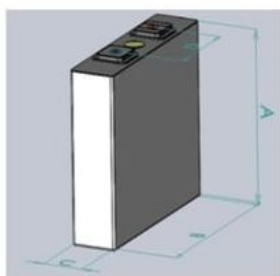
Rackmount Lithium Battery Features

1. Military Grade Cells
2. Dedicate Production
3. Customized OEM and ODM Service
4. Intelligent BMS

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	LiFePO ₄		
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

Why choose us?

We production of battery products are widely used in communications, power, financial systems, uninterruptible power supply systems (UPS), power plant and substation switch control, solar panels, controllers inverter etc solar systems, emergency lighting, alarm systems, cars, ships, motorcycles, electric bicycles and other industries. Sales network covers all provinces, municipalities, autonomous regions and established offices in various places and after-sales service center.

Our team with Yuasa ,BYD battery senior consultant,High quality technical management team, advanced production and testing equipment to ensure the quality of the battery is reliable.



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