



51.2V 50ah Lithium Ion UPS Rackmount Rechargeable With BMS Solar System

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

- Nominal Voltage: 51.2V (Optional)
- Nominal Capacity: 100Ah 200Ah (Optional)
- Nominal Energy: 5.12Kwh 10.24Kwh (Optional)
- Cell Type: LiFePO4
- 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: 51.2V lithium ion ups rackmount ,
50ah lithium ion ups rackmount ,
rack mount ups lithium Rechargeable

Product Description

51.2V 50ah 100ah 200ah Solar Lithium-Ion Li-ion Lithium Ion Rechargeable LiFePO4 UPS Battery with BMS Solar System

Xwell rack mounted Lithium battery (LiFePO battery) solutions are highly integrated, deep cycle backup power solutions for your solar home energy storage system. With rich experience and advanced techniques, the product has the features of the fashionable design, high energy, high power density, long service life, and easiness of installation and expansion.

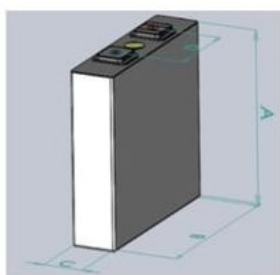
Features

1. 4000 cycles @80% DoD for effectively lower total of ownership cost;
2. Low maintenance batteries with stable chemistry;
3. Battery Management System (BMS) is incorporated against abuse;
4. Up to 6 months thanks to its extremely low self discharge rate and no risk of sulphation;
5. Save time and increase productivity with less down time thanks to superior charge/discharge efficiency;
6. Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +60°C;
7. Lithium batteries provide more Wh/Kg while also being up to 1/3 the weight of its SLA equivalent.

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

About XWELL

Xwell was established in 2014, with the headquarter in Guangzhou, which is a professional Hi-tech enterprise specializes in the research, development and manufacturing of Uninterruptible Power Supply(UPS), power inverter, solar power inverter.



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