



Black Rackmount Lithium Battery , 51.2 V 100ah Lifepo4 Battery For Solar System

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-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

Nominal Voltage: 48V/51.2V

Nominal Capacity: 50Ah/100Ah/200Ah
 Nominal Energy: 2560wh/5120wh/10240wh

Cell Type: Prismatic 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: Black Rackmount Lithium Battery,

Rackmount Lithium Battery Lifepo4, Solar 51.2 V 100ah Lifepo4 Battery

Product Description

Sacolar Lfp Cells Rackmount Solar Battery Pack 51.2V 100Ah Lithium Battery For Solar System

Can it be series or parallel for use?

Yes sir, it can support max. 15 in parallel connection for use, Max 150kwh storage box.

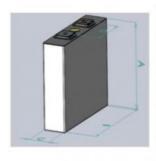
Can these battery pack be compatible with my inverter? do you have a company list of the inverter which is compatible?

Yes sir, our battery pack can compatible with most brand of inverter on the market, such as Deye, MUST, SMA, Growatt, Solax, Solis, Sungrow, Sofar, Voltronic, Sorotec, Studer, etc. Contact us and let me tell you more.

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

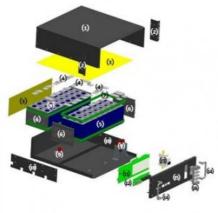


#	Item	Function	#	Item	Function
(1)	Case Hanger	mount in 19 inch cabinet or anti-seismic rake	(8)	SOC Indicator	indicate battery capacity percentage
(2)	Handle	easy to handle, move and install	(9)	Dry Contact	remote on/off control by signal wires
(3)	Reset Switch	restart and wake up the battery	(10)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

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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