GUANGDONG XWELL TECHNOLOGY CO., LTD.



6000 Deep Cycle Rackmount Lithium Battery Rechargeable 51.2v 50Ah 100Ah 200Ah

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-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 Of Battery: 51.2V · Capacity Of Battery: 2.56kwh

. Cell Type: LiFePO4 Prismatic

. Charge Voltage: • 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: 6000 Deep Cycle Rackmount Lithium Battery,

> Rackmount Lithium Battery100Ah, rack mounted lithium battery 200Ah

Our Product Introduction

Product Description

Reliable 6000 Deep Cycle Rechargeable 51.2v 50Ah 100Ah 200Ah Lithium Ion Rackmount Lithium Battery Pack Lifepo4 5kwh

Features of Rackmount Lithium Battery

- 1. Household Energy Storage Battery
- 2. LiFePO4 battery, Safe, Longer lifespan.
- 3. Modular design, Easy to stack.
- 4. Larger energy capacity.
- 5. Wide temperature range of -20~55C
- 6. Modular rack design for easier installation and smaller landscape
- 7. Real-Time Monitoring RS232/485/CAN communication port
- 8. Safe & Reliable LiFePO4 Cells, Smart BMS Management
- 9. Day Night 24/7 Uninterrupted Power Supply
- 10. Easy installation PLUG & PLAY Convenient and flexible
- 11. House Made Smart BMS Patented Technology

Description of Rackmount Lithium Battery

Intelligent anti-theft solution achieved via software lock, buzzer alarm, gyroscopeand GPS, the last two of which are optional. Operating temperature ranges from -20 to 55. In cold area with temperature less than 0, the battery supports low temperature heating (optional). Expandability: a maximum of 16 batteries can be parallel-connected. Compact Design: 19 inch rack, 3.0U height volume energy density((VED)2160 Wh/L Safety performance: state-of-the-art LFP cell and reliable BMS design.

Industrial And Commercial Energy Storage System 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	arge 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	or Black				
Dimension (mm)	442x410x133 3U	442x410x177 4U	550x442x220 5U		
Weight	About 35Kg	About 42Kg	About 84Kg		
Installation method Rack Mount			,		

Cell Specification of ESS Lithium Battery



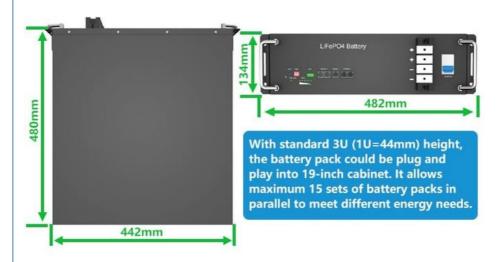
#	Item	Parameter
A	Height	119±1.0 mm
В	Width	160±1.0 mm
С	Thickness	≤50 mm
D	Tabs Distance	97±0.5 mm

Operation Pannel of ESS Lithium Battery

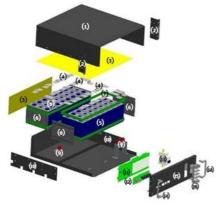


#	Item	Function	#	Item	Function
(1)	Case Hanger	mount in 19 inch cabinet or anti-seismic rake	(8)	SOC Indicator	indicate battery capacity percentage
(2)	Handle	easy to handle, move and install	(9)	Dry Contact	remote on/off control by signal wires
(3)	Reset Switch	restart and wake up the battery	(10)	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	(14)	DC Switch	turn battery on/off

Size of ESS Lithium Battery



Structure of ESS 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	1
(14)	Handle	Sherardized SPCC
(15)	Case Front Cover	SPCC
(16)	Terminal Bar (+ & -)	1

Application of ESS 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



XWELL GUANGDONG XWELL TECHNOLOGY CO., LTD.



+86 18620492985



sales@esslithiumbattery.com



esslithiumbattery.com