## Solar ESS Rack Mounted Lithium Battery 2KWH 5KWH 10KWH For Commercial Industrial

UN38.3, MSDS, UL, CB, BIS, PSE, GB4943.1

safety standard, CE, FCC, ROHS, battery UN38.3, MSDS, UL, CB, BIS, PSE

## **Basic Information**

- Place of Origin:
- Brand Name: XWELL

China

- Certification:
- Model Number:
- Minimum Order Quantity: 1 pcs
- Packaging Details: Carton
- Delivery Time:
- Payment Terms: L/C, D/
  - ty: L/C, D/A, D/P, T/T, Western Union, MoneyGram 5000 pcs per month

7-10 working days

XW-1024W-1

Supply Ability: 50



### **Product Specification**

• Highlight:	Rack Mounted Lithium Battery 2KWH, Rack Mounted Lithium Battery 5KWH
Cycle Life:	>6000 Cycles(80%DOD)
Communication Interface:	RS485, RS232, CAN
• Display:	LCD Optional
• Discharge Cut-off Voltage:	42.5V
<ul> <li>Max Charge Current:</li> </ul>	50A
<ul> <li>Discharge Current:</li> </ul>	50A
Cell Type:	LiFePO4 Prismatic Cell
<ul> <li>Nominal Energy:</li> </ul>	10.24kwh
<ul> <li>Nominal Capacity:</li> </ul>	200Ah
<ul> <li>Nominal Voltage:</li> </ul>	48V

#### Rackmounted Lithium LFP Battery 2KWH 5KWH 10KWH Solar ESS For Commercial Industrial Use

#### **Rackmount Lithium Battery Structure and Characteristics**

- 1. 48v 100ah 5kwh Lithium Battery Pack Lifepo4 Rackmount Case With 5000 Cycle 5 Years Warranty
- 2. 51.2v 100ah Ltium ion Battey Features:
- 3. Cycle life >6000 times, upto 10 years
- 4. Expandable, battery design, parallel stacking to increase battery capacity CAN
- 5. Communication ports 232, Rs485, support with many inverters
- 6. Simple connection between battery and inverter, easy installation.

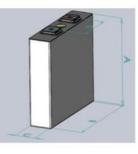
#### **Rackmount Lithium Battery Features**

- 1. Rack Mounted Lithium battery has LCD screen, convenient setting buttons
- 2. APP Monitor on your smartphones, and cables & accessories ready for installation
- 3. To welcome the world cooperation we accept OEM with your logo design

#### **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	A	Height	119±1.0 mm
	В	Width	160±1.0 mm
~	c	Thickness	< 50 mm
	D	Tabs Distance	97±0.5 mm

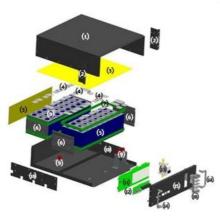
#### **Operation Pannel of Rackmount Lithium Battery**

1		LiFePO4 Battery			• 🛄 🗕 🗂
	(1) (2) (3) (4) (5	)(6)(7) (8) (9) (0) (11) (12)			(13) (14)
#	(1) (2) (3) (4) (5 Item	)(රා (ම) (ම) (ඩ) (ඩ) Function	#	Item	(a) (a) Function
			#	Item SOC Indicator	
#	Item	Function			Function
# (1)	Item Case Hanger	Function mount in 19 inch cabinet or anti-seismic rake	(8)	SOC Indicator	Function Indicate battery capacity percentage
# (1) (2)	Item Case Hanger Handle	Function mount in 19 inch cabinet or anti-seismic rake easy to handie, move and install	(8) (9)	SOC Indicator Dry Contact	Function indicate battery capacity percentage remote on/off control by signal wires
# (1) (2) (3)	Item Case Hanger Handle Reset Switch	Function mount in 19 inch cabinet or anti-seismic rake easy to handle, move and install restart and wake up the battery	(8) (9) (0)	SOC Indicator Dry Contact Comm. Port	Function indicate battery capacity percentage remote on/off control by signal wires RS485+RS232
# (1) (2) (3) (4)	Item Case Hanger Handle Reset Switch On/Off Indicator Working	Function mount in 19 inch cabinet or anti-seismic rake easy to handle, move and install restart and wake up the battery turn on/off green and indicate battery on/off	(8) (9) (0) (1)	SOC Indicator Dry Contact Comm. Port Comm. Port	Function indicate battery capacity percentage remote on/off control by signal wires RS485+RS232 RS232

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

Application of Rackmount Lithium Battery



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