



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

### 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-1024W-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: 48V
- Nominal Capacity: 200Ah
- Nominal Energy: 10.24kwh
- 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: **Rack Mounted Lithium Battery 2KWH,  
Rack Mounted Lithium Battery 5KWH**

## Product Description

### 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.

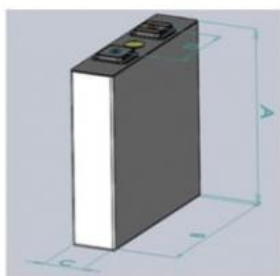
#### Rackmount Lithium Battery Features

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	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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