



2.56kwh 5.12kwh 10.24kwh 200a Rack-mounted Home Energy Storage battery Rackmount Lithium Battery

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-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

- Standard Voltage: 51.2V
- Capacity: 2.56kwh 5.12kwh 10.24kwh
- Communication Interface: RS485, RS232, CAN
- Energy: 2.56kwh
- Cell Model: LiFePO4 Prismatic
- Cycle Life: >6000 Cycles(80%DOD)
- Discharge Current: 50A
- Max Charge Current: 50A
- Discharge Cut-off Voltage: 51.2V
- Highlight: 2.56kwh Rackmount Lithium Battery,
5.12kwh Rackmount Lithium Battery,
10.24kwh Rackmount Lithium Battery

Product Description

2.56kwh 5.12kwh 10.24kwh 200a Rack-mounted Home Energy Storage battery Rackmount Lithium Battery

Rack-mounted energy storage (Home/Industrial)

The series features A-grade lithium iron phosphate cells with a cycle life of over 3000 times, built-in BMS for safety protection, and supports RS485/RS232/CAN communication protocols. The series is also compatible with various energy storage inverters on the market, providing stable energy storage and output.

Good Quality -- ISO9001:2019 Standard

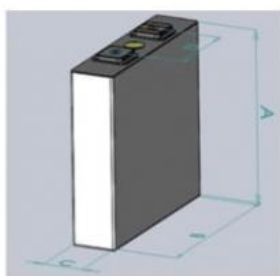
37 production processes and 7 steps quality check to promise stable quality for you. Xwell has very strictly quality control system including incoming materials control, in-process quality control and outgoing quality control.

We do 100% full quality check and aging test to ensure product quality.

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 |

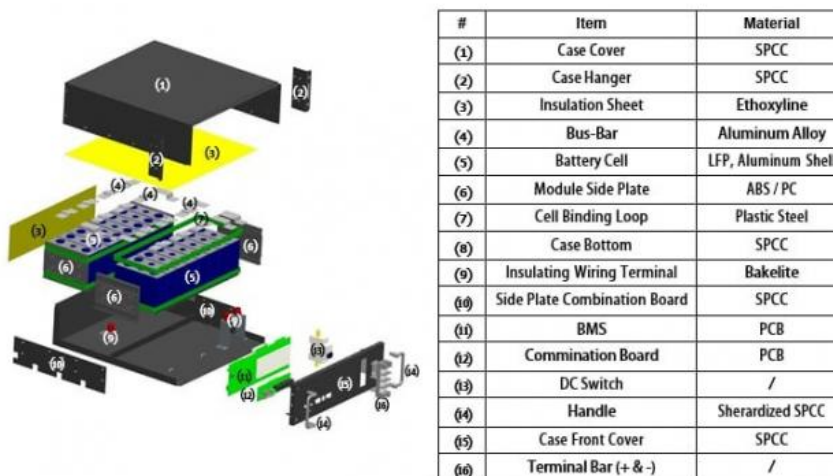
Operation Pannel of Rackmount Lithium Battery



Size of Rackmount Lithium Battery



Structure of Rackmount Lithium Battery



Application of Rackmount Lithium Battery

Application Scenario



Data Center



C&I Park



Telecom Base



Medical Equipment

FAQ

1. Is the battery used in the battery pack grade A?

Yes, we only use Grade A and Brand new cells inside.

2. Do you test and match the battery before installing the battery pack?

Yes, every cell will be tested capacity, IR, voltage to surely match

Voltage: The deviation less than 0.01V

Resistance: The deviation less than 0.1mΩ

Capacity: Same capacity matched

3. How do I store my batteries?

When the product is not in use for a long time, it should be stored in a dry, clean and well-ventilated warehouse at 10°C 35°C, avoiding inflammable and explosive materials; the battery pack should be charged and maintained regularly every three months to ensure that the battery best performance state.

4. What is the cycle life of the battery?

6000 cycle life @ 80% DOD

5. What's the warranty of your 48V/51.2V battery pack?

5 years warranty, if there is broken item under quality problem within warranty time, we will offer free replacements or refund, up to your needs

6. Do your batteries support series or parallel connection?

Our 48V battery packs support up to 15pcs in parallel, if you need series connection, please contact our sales staff



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