



## 5Kw 10Kw 15Kw 48V 100Ah 200Ah 260Ah Lithium Rack Mounted 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-5120W-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

- Battery Type: Lithium Ion
- Output Power Range: 10~20 KWh
- Pack Capacity: 50Ah 100Ah 200Ah
- Pack Energy: 2.56Kwh 5.12Kwh 10.24Kwh (Optional)
- 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: **260Ah Rack Mounted Lithium Battery, 200Ah Rack Mounted Lithium Battery, 100Ah Rack Mounted Lithium Battery**

## Product Description

### 5Kw 10Kw 15Kw 48V 100Ah 200Ah 260Ah Lithium Rack Mounted Battery

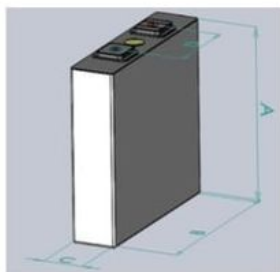
**Inverter:** Converts the DC electricity stored in the storage batteries into alternating current (AC) electricity for use. The inverter converts the DC electricity stored in the storage batteries into AC electricity, which is supplied to household appliances.

**Storage batteries:** Store the electricity generated by the solar panels. During the day, the storage batteries can store excess electricity generated by the solar panels for use at night or during cloudy weather. When electricity is needed, the storage batteries release the stored ener

#### Rackmount Lithium Battery Specification

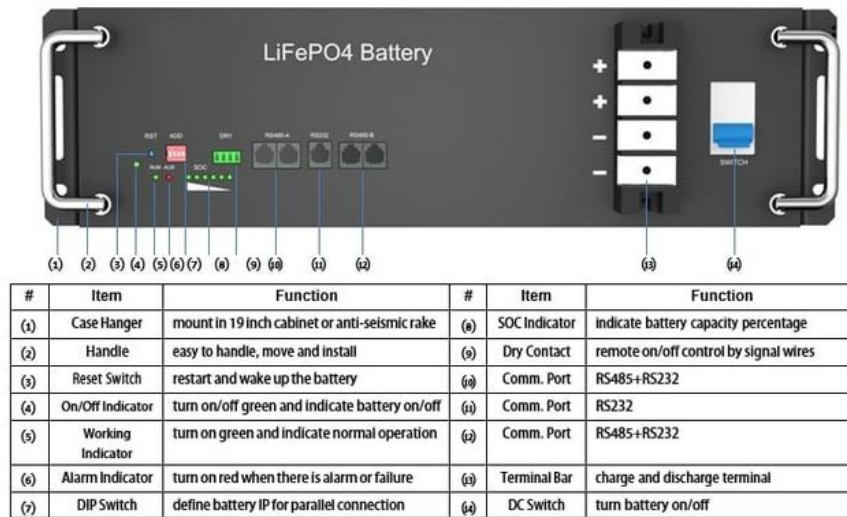
| Model                       | 51.2V50Ah             | 51.2V100Ah        | 51.2V200Ah        |
|-----------------------------|-----------------------|-------------------|-------------------|
| Nominal voltage             | 51.2V                 |                   |                   |
| Nominal capacity (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<br>3U     | 442x410x177<br>4U | 550x442x220<br>5U |
| Weight                      | About 35Kg            | About 42Kg        | About 84Kg        |
| Installation method         | Rack Mount            |                   |                   |

#### Cell Specification of Rackmount Lithium Battery

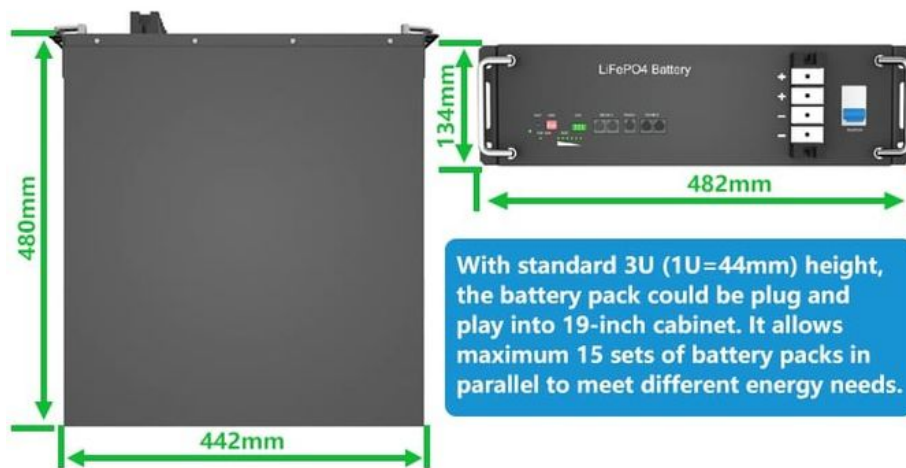


| # | Item          | Parameter  |
|---|---------------|------------|
| A | Height        | 119±1.0 mm |
| B | Width         | 160±1.0 mm |
| C | Thickness     | ≤ 50 mm    |
| D | Tabs Distance | 97±0.5 mm  |

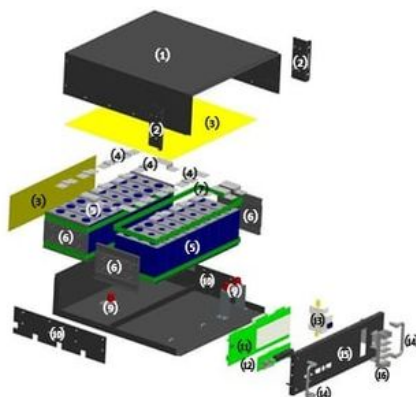
#### Operation Pannel of Rackmount Lithium Battery



### 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

### What We Offer?

Supply chain solution, strict quality control, real-time response  
OEM/ODM Manufacturer, custom sizes and shapes available on request  
Suggestion of new design or material, new technology and cost structure  
Engineers team at your service  
Flexible small orders are acceptable  
One-stop supply to eliminating messy links



**XWELL** GUANGDONG XWELL TECHNOLOGY CO., LTD.

+86 18620492985

sales@esslithiumbattery.com

esslithiumbattery.com

Room 322, Building 3, No. 801, Qiaoxing Avenue, Xiaoluo Village, Shatou Street, Panyu District, Guangzhou, China