48v 200ah 20.48kwh Lifepo4 Battery Pack 4 Module Stackable For Home

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-HL2048
- **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

- **Module Number:** 4 Sets
- **Capacity:** Rate 20.48kwh
- **Battery Cell Arrangement:** 15S1P 4 Sets
- **Net Weight:** 261.5kg
- **Voltage:** 48V
- **Nominal Voltage:** 48V
- **Dimension:** 600*460*457mm
- **Battery Cell Type:** LiFePO4
- **Rated Working Current:** 100A
- **Communication AC110V/220V/50Hz/60Hzmethod:** CAN/RS485/RS232
- **Highlight:** **20.48kwh Lifepo4 Battery Pack**, **200ah Lifepo4 Battery Pack**, **Home Stackable Lifepo4 Battery**

Product Description

Solar Lithium High Voltage Storage 48v 200ah 20.48kwh Lifepo4 Battery Pack Lithium Batteries Pack

Description of Residential Battery Storage System

Xwell battery is a Ground mounted lithium battery pack which consists of long life-span LiFePO4 battery cells and functional BMS. It can store and release electric energy based on the requirements of the inverter controller. It is mainly for home energy storage system.

1. Lower logistics cost, direct shipment from overseas to customers.
2. Faster delivery timeliness solves the time consuming of complex operational processes in transportation, customs declaration, customs clearance, etc., enabling faster and more efficient overseas delivery.
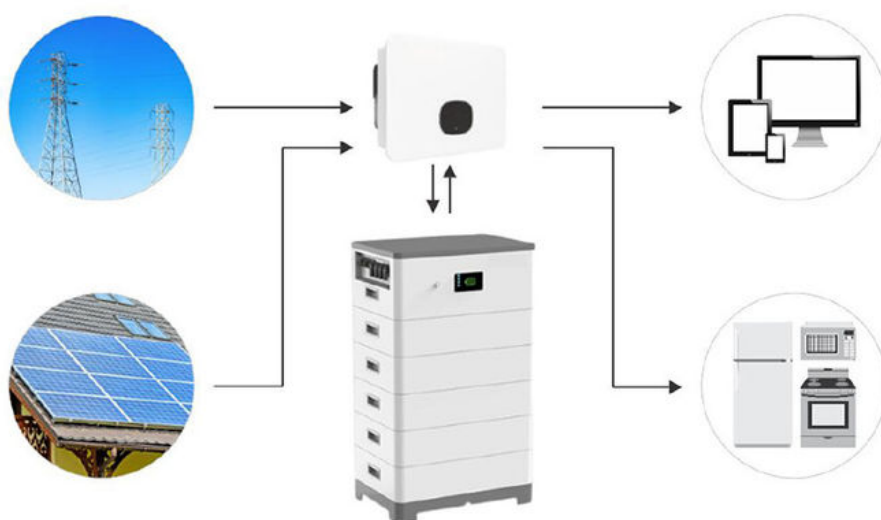
Features of Lifepo4 Battery Pack

1. Advanced LiFePO4 battery cells
2. 6000 cycles @25 0.7C conditions
3. Growatt, Deye, etc hybrid inverters BMS compatible
4. Wall Mounted Similar Powerwall
5. 5kWh 10kWh 15kWh 20kWh optional
6. 51.2V Nominal Voltage
7. Outdoor Ground IP54 Grade
8. Maximum 1C charge and discharge capability
9. Scalable up to maximum 15 packs

ESS Lithium Battery Specification

Model	1 Module	2 Modules	3 Modules	4 Modules	5 Modules	6 Modules
Nominal capacity(kwh)	5.12	10.24	15.36	20.48	25.6	30.72
Operating voltage	48V					
Weight (Kg)	96.5	151.5	206.5	261.5	316.5	371.5
Nominal voltage	48V					
Dimension (mm)	600x460x 457	600x460x 637	600x460x 817	600x460x 997	600x460x 1177	600x460x 1357
Battery cell type	LiFePO4					
Communication method	CAN/RS485/RS232					
Operating temperature range	Charging: 0~45 Discharging: -10~50					
Protection level	IP55					
Installation method	Floor installation					
Cycle life	>6000 Cycles(80%DOD)					
Peak charge/discharge current (@25 ,5S)	100A					
Self-discharge rate	≤3.5%/month/@25°C					
Parallel function	1S~6S					

ESS Lithium Battery Connection Diagram

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