Lithium Stackable Home Battery 6 Module Parallel 30.72kwh 48V

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-HL3072
- 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: 6 Pcs
- Capacity: 30720kwh
- Battery Cell Arrangement: 15S1P 6pcs
- Net Weight: 371.5kg
- 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: **Stackable Home Battery 6 Module, Stackable Home Battery 30.72kwh, 48V home lithium battery**

Home Energy Storage 6 Module Parallel 30.72kwh 48V Stackable Home Battery Lithium

Description of Stackable Home Battery

Our stackable LiFePO4 battery cabinet was specially developed for home solar energy storage system. The battery used the lightest cell and can be mounted on the floor with moving pulleys cabinet.
48V(16S 51.2V) LiFePO4 Battery Cabinet supply the enough power to the home applications , and our battery meet the standard of most inverter and MPPT controller. If you are not sure, you can tell us the information of the inverter and controller you are useing and we will custom the right battery to you.
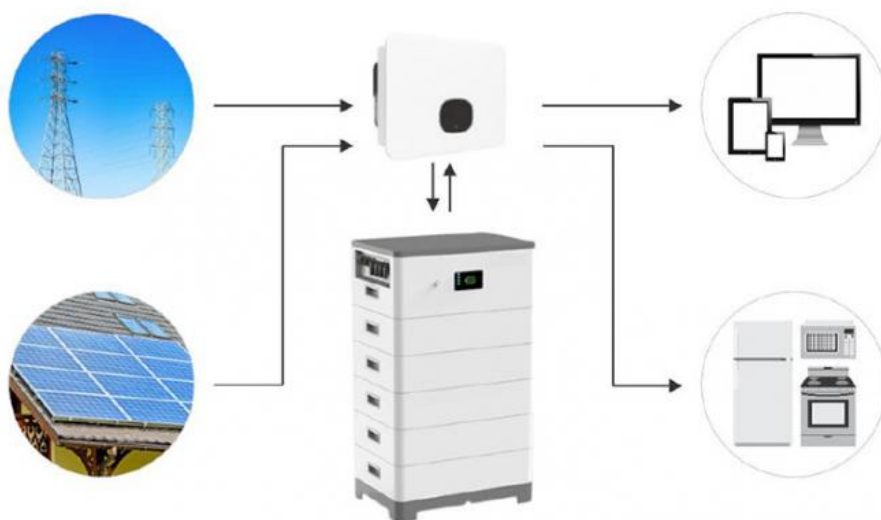
Usage of Stackable Home Battery

1. Home energy storage
2. Solar & wind energy system
3. Security and safety
4. Emergencyequipment
5. UPS
6. Power station
7. Telecommunication system
8. Data Center Backup Power

Stackable Home 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					

Stackable Home 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