



4 Module Parallel Stackable Home Battery 20.48kwh 48V With IP55 Protection Level

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 Pcs
- Capacity: 20480kwh
- Battery Cell Arrangement: 15S1P 4pcs
- Net Weight: 261.5kg
- Voltage: 48V
- Nominal Voltage: 48V
- Dimension: 600*460*457mm
- Battery Cell Type: LiFePO4
- Rated Working Current: 100A
- Communication: CAN/RS485/RS232
AC110V/220V/50Hz/60Hzmethod:
- Highlight: **Stackable Home Battery IP55,
Stackable Home Battery 20.48kwh,
4 Module 48v home battery**

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Product Description

4 Module Parallel 20.48kwh 48V Stackable Home Battery Modular LiFePO4 Battery Solar Home Energy Storage Battery

Features of Residential Battery Storage System

1. Using the technology of lithium iron phosphate cell, superior safety, thousands of cycles, 100% DOD, under normal conditions.
2. Built-in automatic protection for over-charge, over discharge, over current and over temperature.
3. Free of maintenance .
4. Internal cell balancing.
5. Lighter weight: About 40% ~50% of the weight of a comparable lead acid battery.
6. Can be charged using most standard lead-acid charges (set).
7. Wider temperature range:-20 ~60 .
8. Max support 15 units parallel connection.

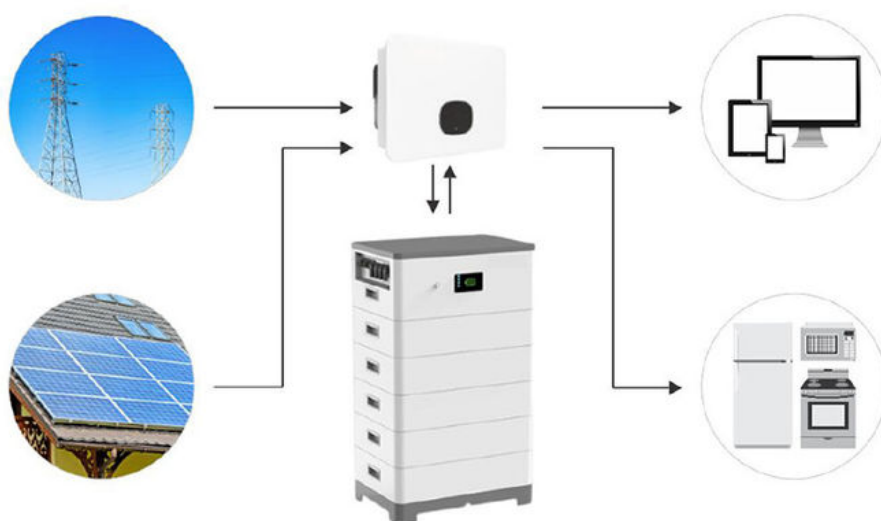
Description of Residential Battery Storage System

1. 5,120Wh to 30,720Wh: Impressive capacity from 5,120Wh to 30,720Wh
2. 6000w: Impressive power for up to 6,000 W single-phase appliances
3. Reliable: Unmatched safety due to LiFePO4 battery
4. 12 YEARS EXPERIENCE: 12 years of production and energy storage experience
5. Perfect compatibility with existing/new solar systems
6. Ultimate convenience for indoor and outdoor installation

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)	600x460x457	600x460x637	600x460x817	600x460x997	600x460x1177	600x460x1357
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



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