



48v 10.24kwh Stackable Home Battery With Lifepo4 Lithium Ion Cell

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-HL512
- 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: 2 Pcs
- Capacity: 10240wh
- Battery Cell Arrangement: 15S1P 3pcs
- Total Weight: 151.5kg
- 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: **10.24kwh Stackable Home Battery,
48v Stackable Home Battery,
Lifepo4 48v home battery**

Product Description

Stackable Home Battery Modular 48v 10.24kwh Lifepo4 Lithium Ion Home Solar System Energy Storage Battery

Powerful compatibility, widely used

1. Modular Power: UPS, Back-up power, Base Transceiver Station, Power Tool
2. Network Power: GPS products, monitoring units, tracking units, DC switching power supply system
3. Transportation Power: E-bike, E-scooter, Golf cart/motorcycle

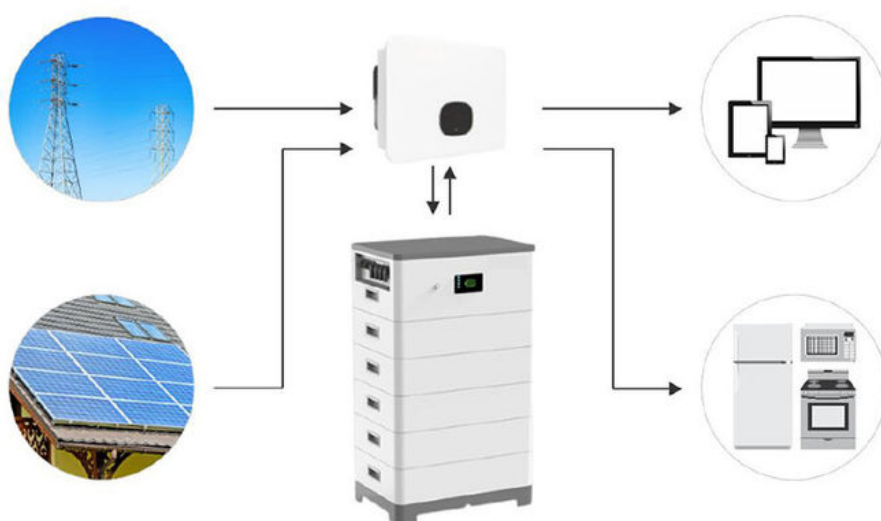
Features of Stackable Home Battery

1. ≥ 5000 cycles @ 25°C DOD 70%.
2. Built-in autonomous fire extinguishing system.
3. Easy to install, supports stackable parallel connection of up to 6 modules, and simply stacks more modules for more capacity.
4. Compatible with most major PV inverters, such as Growat, SRNEMUST, Deye, GOODWE, SOFAR, Victron Energy...
5. Advanced technology is adopted. When multiple batteries are connected in parallel, the system will automatically allocate backup batteries, which is different from other batteries.
6. With passive balancing for charging and also with active balancing for parallel connections.

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)	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 °C)	100A					
Self-discharge rate	$\leq 3.5\%$ /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 $0.1\text{m}\Omega$
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 is in the 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 a broken item under a 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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