



Stacked Lifepo4 Battery Pack , Solar Energy Storage Battery 25kWh 48V With Inverter

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-HL2560
- 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: 5 Sets
- Capacity: Rate 25.60kwh
- Battery Cell Arrangement: 15S1P 5 Sets
- Net Weight: 316.5kg
- 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: **Stacked Lifepo4 Battery Pack ,
Lifepo4 Battery Pack 25kWh,
Solar Energy Storage Battery 48V**

Product Description

Solar Energy Storage Battery 25kWh 48V Stacked Solar Lithium Lifepo4 Battery Pack With Inverter

Description of Residential Battery Storage System

LiFePO4 Residential Battery Storage, Ground Rack Design & Light Weight, High Energy Density & LiFePO4 Built in, Natural Cooling & Easy Installation, Safest Battery & Perfect Compatibility, Certifications & 15 Years Design Life

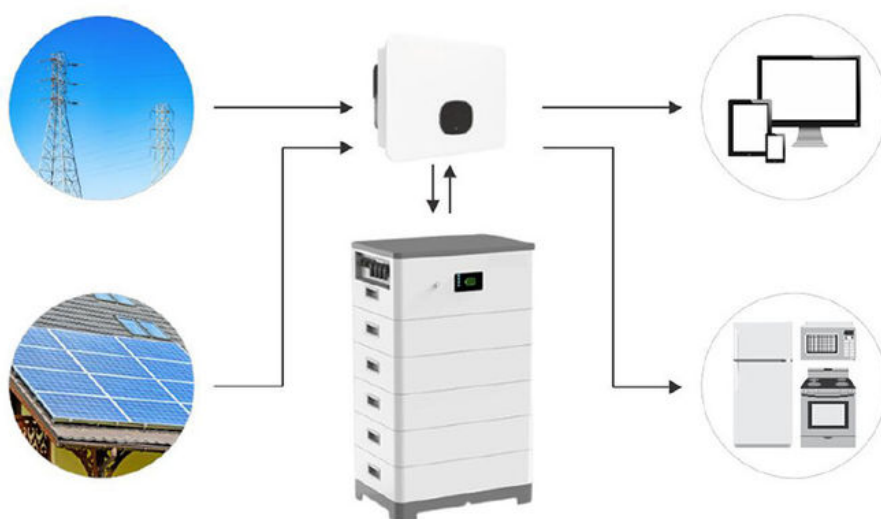
Features of Residential Battery Storage System

1. Smart O&M, Check the APP to find data on your phone Remote diagnosis and OTA
2. Expansion Flexibility, 2.5kWh modular design ,Scalable from 7.5kWh to 20kWh.
3. Easy installation, 24kg/52.9lb per battery box, easy to move and install. Quick connector between boxes, no cable connecting.
4. Safe & Reliable, Lithium Iron Phosphate(LFP) cell only. BMS, fuse and aerosol kit are built in.
5. Perfect Compatibility, Compatible to most high voltage inverters in the market
6. More Usable Energy, 90% Depth of Discharge, more than 6000 cycles (0.5C 25C)

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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