



25.60kwh 48V Residential Battery Storage System 5 Module For Home Energy Storage

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
- Capacity: 25.60kwh
- Battery Cell Arrangement: 15S1P*5
- 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: **25.60kwh Residential Battery Storage System, Residential Battery Storage System 5 Module, 48V home energy storage system**

Product Description

5 Module Parallel 25.6kwh 48V Stacked Design All In One Backup Power Supply Residential Energy Storage System

Description of Residential Battery Storage System

Inverter Compatible

Our LiFePO4 solar battery is now fully compatible with most of the well-known inverters on the market, making it a seamless and hassle-free addition to any home solar system. Built with advanced technology and designed for maximum efficiency and durability, the xwell solar battery is the ideal solution for homeowners looking to reduce their reliance on traditional energy sources.

Are you an inverter distributor or installer searching for a high-performance solar battery solution to meet the demands of your customers? Look no further than xwell, the leading provider of cutting-edge energy storage systems!

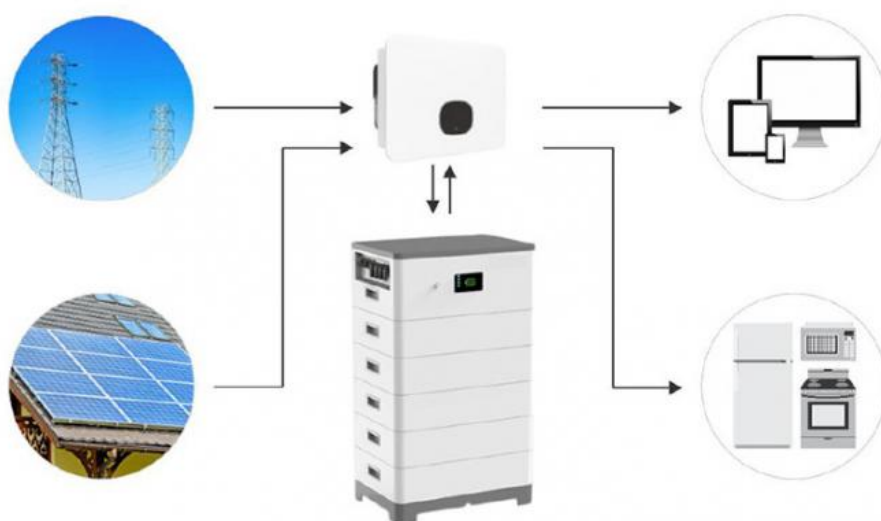
Features of Residential Battery Storage System

1. Top brand cell grade A quality
2. High density, small size and weight
3. Cells cycle times 6000 cycles
4. Long lifespan: 5 years warranty, 10+ years life design
5. Big discharge current, Suitable for solar system.

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



XWELL GUANGDONG XWELL TECHNOLOGY CO., LTD.

+86 18620492985

sales@esslithiumbattery.com

esslithiumbattery.com

Room 322, Building 3, No. 801, Qiaoxing Avenue, Xiaoluo Village, Shatou Street, Panyu District, Guangzhou, China