



30.72kwh 48V Solar Residential Battery Storage System With Lithium Iron Phosphate 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-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 Qty: 6
- Nominal Capacity: 30.72kwh
- Battery Cell Arrangement: 15S1P*6
- Voltage Level: DC 48V
- Weight: 96.5kg
- Nominal Voltage: 48V
- Dimension: 600*460*457mm
- Battery Cell Type: LiFePO4
- Rated Working Current: 100A
- Communication: CAN/RS485/RS232
AC110V/220V/50Hz/60Hzmethod:
- Highlight: **48V Residential Battery Storage System,
Solar Residential Battery Storage System,
30.72kwh residential solar battery storage**

Product Description

6 Module 30.72kwh 48V Residential Battery Storage System Stackable Lithium Iron Phosphate Battery

Features of Residential Battery Storage System

1. High Voltage, 6000+ Cycles Life, Bms System, Safe And Green
2. Optimal Energy Storage Solution with Best Quality
3. More Energy with Less Space
4. Store Energy from the Grid or Solar
5. Use Your Stored Energy Anytime to Power Your Home

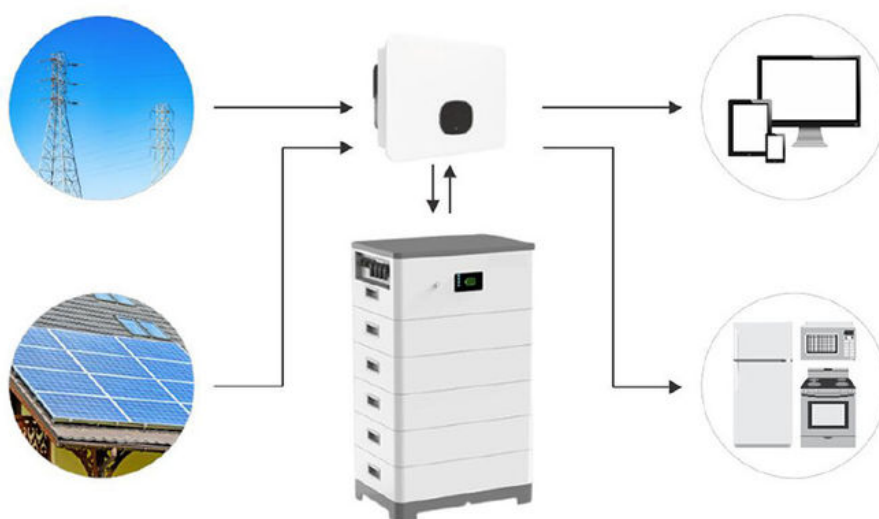
Advantages of Residential Battery Storage System

1. MODULAR DESIGN: Modular design, light weight, small size
2. LONG SERVICE LIFE: More than 10 years long service life
3. COMPATIBILITY BMS: High compatibility BMS seamless communication with energy storage inverter
4. CHARGE & DISCHARGE CYCLE: Suitable for long-term charge and discharge cycle

Specification of Residential Battery Storage System

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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