



2 Module Parallel Residential Battery Storage System 10.24kwh 48V

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
- Capacity: 10.24kwh
- Battery Cell Arrangement: 15S1P*2
- 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: **2 Module Residential Battery Storage System ,
10.24kwh Residential Battery Storage System**

Product Description

2 Module Parallel 10.24kwh 48V Residential Battery Storage System A Grade LFP Prismatic Battery Cell

Features of Residential Battery Storage System

1. Abundant communication interfaces---multiple RS485, CAN, Ethernet, dry contact input and output interfaces, supporting communication with most PCS and monitoring servers on the market.
2. The communication interface protocol is flexible.--the factory comes with the company's communication protocol, and it can also be adapted to the PCS of different manufacturers according to customer needs.
3. The built-in large-capacity memory chip can store a large amount of key operating data and an SD card can be added to realize battery historical data storage.
4. Automatic circulation control and automatic parallel/offline control can easily realize the parallel connection of battery packs.
5. WiFi function can be selected to facilitate cell phone or cloud to view battery data and remote battery management.

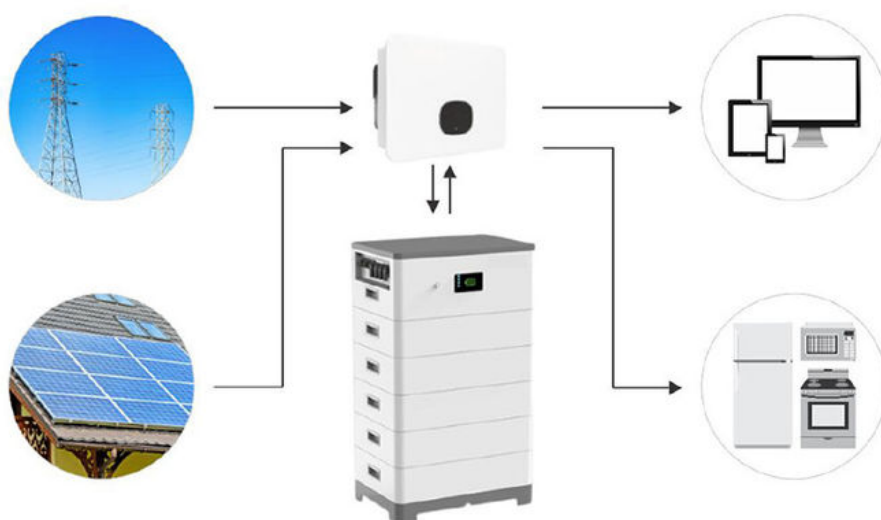
Advantages of Residential Battery Storage System

1. Flexible modular system
2. High-efficient energy storage battery
3. Safe & reliable performance with LiFePO4 cell
4. The battery has a long life cycle
5. Intelligent Monitor 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