



48S1P 7.68kwh LiFePO4 Residential Battery Storage System Waterproof 3 Modules

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-HH768
- 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: 3
- Capacity: 7.68kwh
- Cell Number: 48S1P
- Voltage Range: 136.8-172.8V
- Weight: 115kg
- Nominal Voltage: 153.6V
- Dimension: 550x430x697.5mm
- Battery Cell Type: LiFePO4
- Rated Working Current: 50A
- Communication: CAN/RS485/RS232
AC110V/220V/50Hz/60Hzmethod:
- Highlight: **Residential Battery Storage System Waterproof, 7.68kwh Residential Battery Storage System**

Product Description

3 Modules In Series 48S1P 7.68kwh Waterproof Battery Pack LiFePO4 Stackable Residential Battery Storage System

Features of Residential Battery Storage System

1. Maximum 6 series Connections
2. >6000 Cycle Times
3. 10 Years Technical Support
4. Built-in Smart BMS Communication
5. Plug in and Play
6. Supports Most Inverter Brands

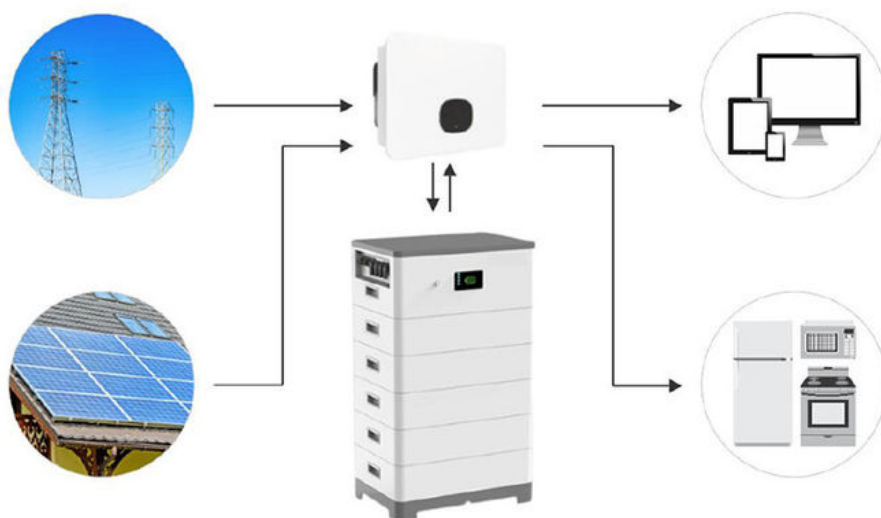
Advantages of Residential Battery Storage System

1. LED Display: There is a LED display in front of our battery. You can view the battery voltage, capacity, and working status from it.
2. Concealed Handle: Portable hidden handle design on both sides of battery.
3. Pulley Design: There are pulleys under the product, the movement of the battery is more convenient
4. Power Display: There is a LED display in front of our battery. You can view the battery level.

Specification of Residential Battery Storage System

Model	3 modules	4 modules	5 modules	6 modules
Nominal capacity (kwh)	7.68	10.24	12.8	15.36
Battery cell configuration	48S1P	64S1P	80S1P	96S1P
Operating voltage range(V)	136.8-172.8	182.4-230.4	228-288	237.6-345.6
Weight	115kg	145kg	175kg	205kg
Nominal voltage	153.6V	204.8V	156V	307.2V
Dimension (mm)	550x430x697.5	550x430x826.5	550x430x955.5	550x430x1084.5
Battery cell type	LiFePO4			
Rated working current	50A			
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	63A, (@25 ,5S)			
Self-discharge rate	≤3.5%/month/@25°C			
Series function	3S~8S			

Residential Battery Storage System 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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