



## Solar Energy Residential Battery Storage System Stacked With Lithium Ion Battery

### 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-HH1024
- 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

- Modules: 4
- Capacity Full Charge: 10.24kwh
- Cell Quantity: 64S1P
- Voltage: 182.4-230.4V
- 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: **Solar Residential Battery Storage System,  
Residential Battery Storage System Stacked,  
Lithium Ion residential solar battery system**

## Product Description

### Stacked Home Use With Lithium Ion Battery Solar Energy Storage Battery System Pack Lifepo4 Container

#### Features of Residential Battery Storage System

1. Flexible, Efficient, Simple/Easy installation/With easy transportation
2. Good compatibility, standard communication protocol, CAN and RS485, compatible with most popular hybrid and off-grid inverters in the market. We can also customized your own demand.
3. IP55 protection class, suit for outdoor and indoor installation.
4. Long life cycle, more than 6000 times or 10 years.
5. High protection measures, built-in Aerosol active fire protection module, thermal runaway detection and active fire protection.
6. Quick installation design, plug and play assembly, no more cables between packs, saves manual installation costs.
7. The generation upgraded version, plug and play assembly, saves manual installation costs.

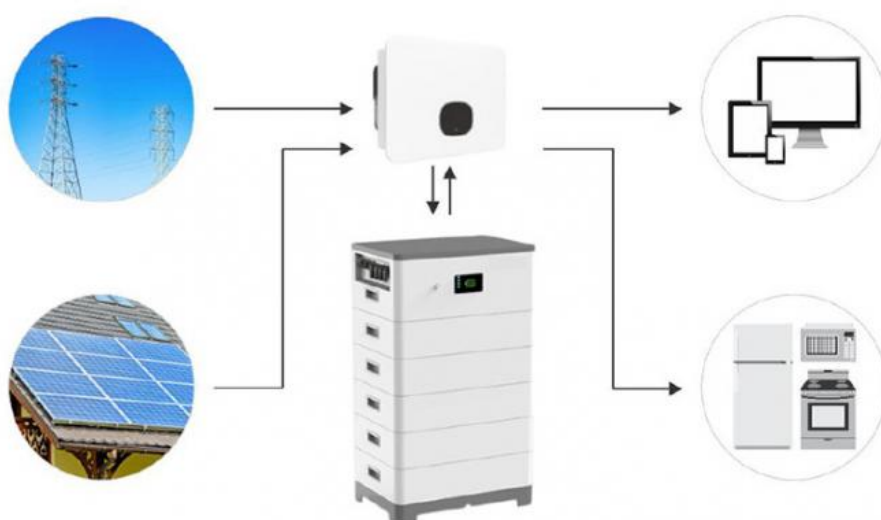
#### Steps for usage

1. Equipped with card swiping start and bluetooth remote stop and start, equipped with rechargeable IC card.
2. Scheduled charging function, which can be charged regularly according to user needs, and it will end automatically when fully charged.
3. Equipped with a display screen, real-time display of SOC information and estimated fully charging time.

#### 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



**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,

