



## Solar Photovoltaic Residential Battery Storage System 7.68KW 48S1P

### 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 Index: 3
- Total Capacity: 7.68kwh
- Cell Index: 48S1P
- Voltage: 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: **Solar Photovoltaic Residential Battery Storage System**  
**, Residential Battery Storage System 7.68KW ,**  
**48S1P residential solar battery system**

## Product Description

### Solar Panel System 7.68KW Solar Photovoltaic System Solar Power Kit On Hybrid Grid Solar Energy System

#### Description of Residential Battery Storage System

Hybrid Solar Energy System Also Named On&Off Grid Solar Energy System. It has the feature and function of both on grid and off grid solar energy system. If you have a set of hybrid solar energy system, you could use electricity from solar panel in the daytime when sun is good, you could use electricity stored in battery bank in the evening or on rainy days.

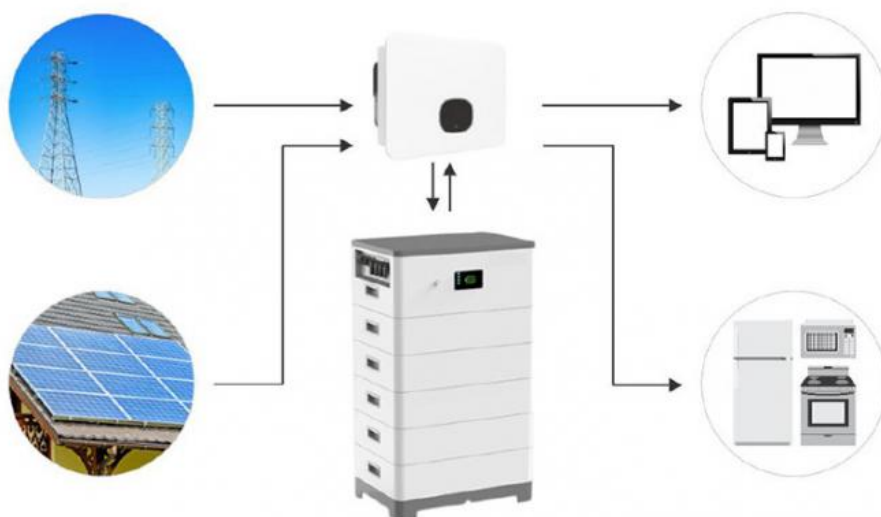
#### Features of Residential Battery Storage System

1. Up to 6000 + cycle life Wall mounted /stack mounted to choose.
2. Simply connecting to inverter Battery module is scalable for any larger storage system.
3. Battery modular built in high quality BMS Lithium iron phosphate battery cell.
4. Safe and efficient.

#### 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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