

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

UN38.3,MSDS,UL,CB,BIS,PSE,GB4943.1 safety standard, CE, FCC, ROHS, battery UN38.3, MSDS, UL, CB, BIS, PSE

### **Basic Information**

- Place of Origin:
- Brand Name: XWELL

China

7-10 working days

5000 pcs per month

MoneyGram

- Certification:
- Model Number: XW-HH768
- Minimum Order Quantity: 1 pcs
- Packaging Details: Carton
- Delivery Time:
- Payment Terms: L/C, D/A, D/P, T/T, Western Union,
- Supply Ability:



### **Product Specification**

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

#### 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. Builtin Smart BMS Communication
- 5. Plug in and Play
- 6. Supports Most Inverter Brands

#### Advantages of Residential Battery Storage System

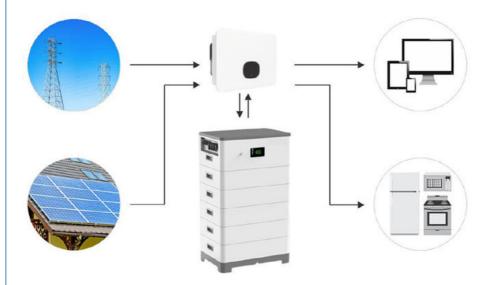
1. LED Display: There is a LED display in front of our battery. You can view the battery voltage, capacity, and working status from it.

- 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	237.6-3456	
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 0.1m $\Omega$  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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