

# Lithium Ion Energy Storage Battery Pack Stackable 2 Module 10.24kwh 48V

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
- Certification:
- Model Number: XW-HL1024
- Minimum Order Quantity: 1 pcs
- Packaging Details: Carton
- Delivery Time:
- Payment Terms: L/C, D/A, D/P, T/T, Western Union,

7-10 working days

5000 pcs per month

MoneyGram

China

Supply Ability:



## **Product Specification**

• Highlight:	Lithium Ion Energy Storage Battery Pack, Energy Storage Battery Pack Stackable, 10.24kwh stackable battery pack
Communication     AC110V/220V/50Hz/60Hzn	CAN/RS485/RS232 nethod:
Rated Working Current:	100A
<ul> <li>Battery Cell Type:</li> </ul>	LiFePO4
Dimension:	600*460*457mm
<ul> <li>Nominal Voltage:</li> </ul>	48V
• Weight:	96.5kg
<ul> <li>Voltage Range:</li> </ul>	48V
Battery Cell Arrangement:	15S1P*2
<ul> <li>Nominal Capacity:</li> </ul>	10.24kwh
Module Qty:	2

#### 2 Module 10.24kwh 48V ESS Large Energy Storage Battery Pack Off-Grid Solar System Lithium Ion Stackable Batteries

#### **ESS Lithium Battery Description**

Xwell HL series batterie is an lifetime solution for Large residential or small commercial and industrial applications. Match with powerful high voltage three phase inverters to integrate to a powerful system facilitate powerful energy backup and load management for optimized autonomy and reduced energy cost. Peak shaving that balances power demand and grid power imported, to effectively reduce extra grid demand. Dry contact in the inverter, external loads such as heat pumps can also be flexibly activated to optimize energy consumption.

#### ESS Lithium Battery Features

#### 1. 25,000 Cycle Life

Wise Energy LTO Battery gives the highest battery cycle life in the market. Your battery will be an investment adding value to your property.

2. Life time solution

Wise Energy LTO Storage Battery provides an economically viable lifetime solution for your home or commercial energy 3. 3. **3. Storage.** 

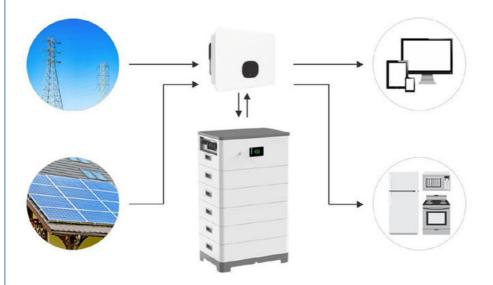
-40°C to 60°C

Wide temperature tolerance gurantees our Battery will be operating in the most extreme climates.

#### **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)	600x460x 457	600x460x 637	600x460x 817	600x460x 997	600x460x 1177	600x460x 1357		
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  $0.1m\Omega$  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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