



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

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-HL1024
- 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 Qty: 2
- Nominal Capacity: 10.24kwh
- Battery Cell Arrangement: 15S1P*2
- Voltage Range: 48V
- Weight: 96.5kg
- Nominal Voltage: 48V
- Dimension: 600*460*457mm
- Battery Cell Type: LiFePO4
- Rated Working Current: 100A
- Communication
AC110V/220V/50Hz/60Hzmethod: CAN/RS485/RS232
- Highlight: **Lithium Ion Energy Storage Battery Pack,
Energy Storage Battery Pack Stackable,
10.24kwh stackable battery pack**

Product Description

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. Storage.

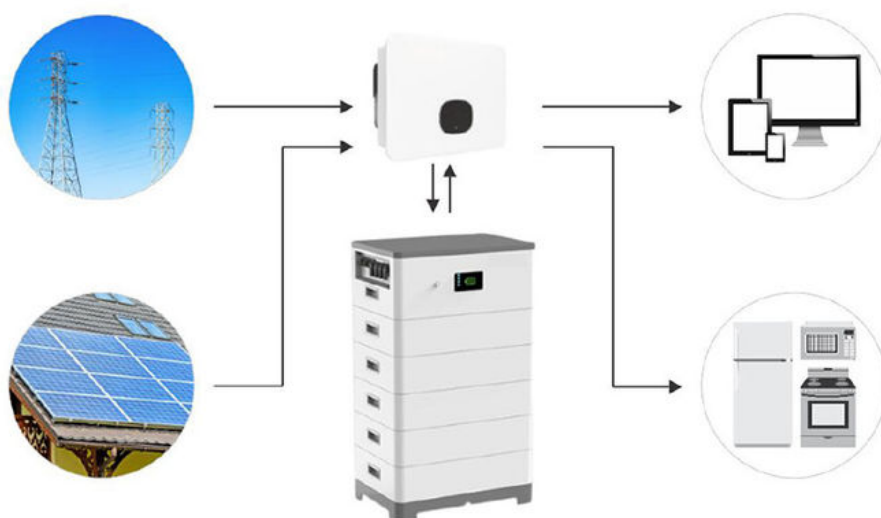
-40°C to 60°C

Wide temperature tolerance guarantees 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)	600x460x457	600x460x637	600x460x817	600x460x997	600x460x1177	600x460x1357
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 °S)	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 0.1mΩ

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, China