



## High-Capacity Lithium Batteries 2.56kwh to 10.24kwh 200A Empowering Your Needs

### 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-SL15120
- 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

- Nominal Capacity: 2.52kwh 5.12kwh
- Nominal Voltage: 48V
- Operating Voltage Range: 48V
- Rated Working Current: 100A
- Weight: 96.5kg
- Dimension: 600\*460\*457mm
- Battery Cell Type: LiFePO4
- Communication: CAN/RS485/RS232  
AC110V/220V/50Hz/60Hzmethod:
- Highlight: **200A Lithium Batteries,  
10.24kwh Lithium Batteries,  
2.56kwh Lithium Batteries**

## Product Description

### 2.56kwh 5.12kwh 10.24kwh 200a Lithium Batterie Lifepo4 Lithium Battery For Solar Power Storage

#### ESS Lithium Battery Description

ESS Lithium Battery is a revolutionary power solution. With advanced technology and high-quality materials, it offers exceptional performance and reliability. The battery has a high energy density, providing long-lasting power for various applications. It is designed to be safe, durable, and environmentally friendly. Whether for residential, commercial, or industrial use, ESS Lithium Battery is the ideal choice for those seeking efficient and sustainable energy storage.

#### ESS Lithium Battery Features

**High Energy Density:** Having excellent energy density means that it can store more power under the same volume and weight to meet long time and high intensity power demand. Features

**Long cycle life:** After careful design and optimization, this product has a charge/discharge cycle life of up to thousands of times, which greatly reduces the frequency of battery replacement and maintenance costs.

**Fast charging:** Supporting fast charging technology, the battery can be fully charged in a short time, which greatly improves the usage efficiency.

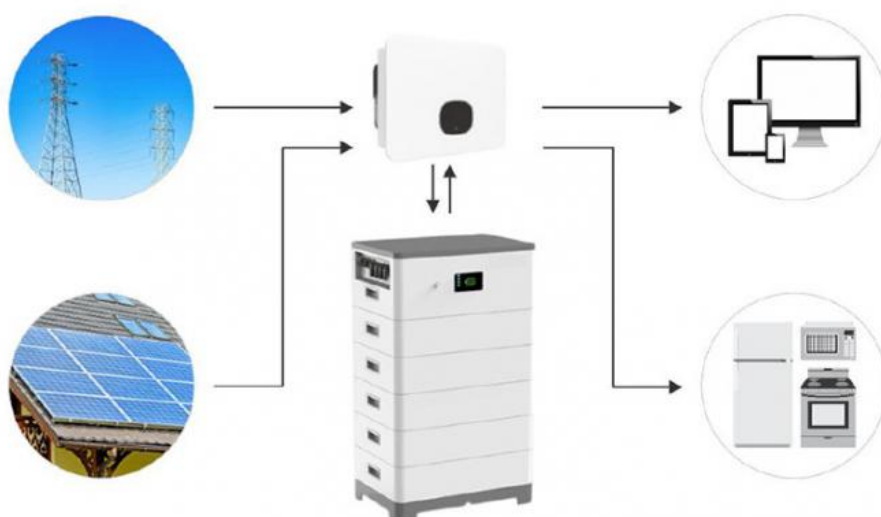
**Safe and stable:** Built-in multiple safety protection measures, including overcharging, over-discharging, overheating, short-circuit and other protection mechanisms, to ensure the safety of the use process.

**Environmental protection and energy saving:** Made of environmentally friendly materials, it is pollution-free, while the high efficiency of energy utilization also helps to reduce energy waste, in line with the concept of green development.

#### 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 ,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 0.1mΩ

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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