



Stacked Lifepo4 Battery Pack , Solar Energy Storage Battery 25kWh 48V With Inverter

Basic Information

Packaging Details:

Place of Origin: ChinaBrand 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-HL2560Minimum Order Quantity: 1 pcs

• Delivery Time: 7-10 working days

• Payment Terms: L/C, D/A, D/P, T/T, Western Union,

Carton

MoneyGram

Supply Ability: 5000 pcs per month



Product Specification

Module Number: 5 Sets

Capacity: Rate 25.60kwh
Battery Cell Arrangement: 15S1P 5 Sets
Net Weight: 316.5kg
Voltage: 48V
Nominal Voltage: 48V

Dimension: 600*460*457mm
 Battery Cell Type: LiFePO4
 Rated Working Current: 100A

Communication CAN/RS485/RS232

AC110V/220V/50Hz/60Hzmethod:

• Highlight: Stacked Lifepo4 Battery Pack,

Lifepo4 Battery Pack 25kWh, Solar Energy Storage Battery 48V

Product Description

Solar Energy Storage Battery 25kWh 48V Stacked Solar Lithium Lifepo4 Battery Pack With Inverter

Description of Residential Battery Storage System

LiFePO4 Residential Battery Storage, Ground Rack Design & Light Weight, High Energy Density & LiFePO4 Built in, Natural Cooling & Easy Installation, Safest Battery & Perfect Compatibility, Certifications & 15 Years Design Life

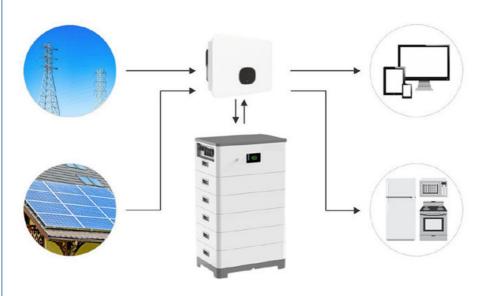
Features of Residential Battery Storage System

- 1. Smart O&M, Check the APP to find data on your phoneRemote diagnosis and OTA
- 2. Expansion Flexibility, 2.5kWh modular design ,Scalable from 7.5kWh to 20kWh.
- 3. Easy installation, 24kg/52.9lb per battery box, easy to move and install. Quick connectorbetween boxes, no cable connecting.
- 4. Safe & Reliable, Lithium Iron Phosphate(LFP) cell only. BMS, fuse and aerosol kit are built in.
- 5. Perfect Compatibility, Compatible to most high voltage inverters in the market
- 6. More Usable Energy, 90% Depth of Discharge, more than 6000 cycles (0.5C 25C)

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	600x460x	600x460x	600x460x	600x460x	600x460x
	457	637	817	997	1177	1357
Battery cell type	LiFePO4					
Communication method	CAN/RS485/RS232					
Operating temperature	Charging: 0~45 Discharging: -10~50					
range						
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	15~6S					
Parallel lunction	13~03					

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 0.01 V Resistance:The deviation less than $0.1 m\Omega$ 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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