



## 5 Module Stackable Home Battery 12.80kwh 48V With Lithium LiFePO4 Rechargeable Battery

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-HL1280
- 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: 5
- Nominal Capacity: 12.80kwh
- Battery Cell Arrangement: 15S1P\*5
- Voltage Level: 48V DC
- Weight: 175kg
- Nominal Voltage: 48V
- Dimension: 600\*460\*457mm
- Battery Cell Type: LiFePO4
- Rated Working Current: 100A
- Communication: CAN/RS485/RS232  
AC110V/220V/50Hz/60Hzmethod:
- Highlight: **Stackable Home Battery 12.80kwh,  
Stackable Home Battery 48V,  
Rechargeable Stackable LiFePO4 Battery**

for more products please visit us on [esslithiumbattery.com](http://esslithiumbattery.com)

## Product Description

### 5 Module 12.80kwh 48V Residential High Energy Storage System Stackable LiFePO4 Battery Lithium Rechargeable Battery

#### Description of Residential Battery Storage System

Xwell's residential stackable power backup With easy installation and a minimalist design, Movable module lithium battery complements a variety of home styles. The battery capacity can be increased freely and flexibly according to the situation of home use. The battery cell uses the best safety LiFePO4 battery to save costs. Easy installation, according to the power storage needs and combine different batteries pack.

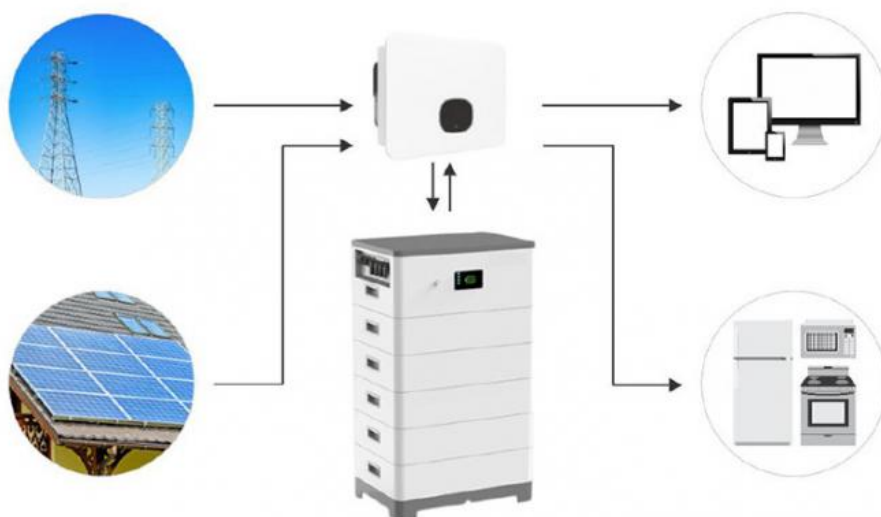
#### Advantages of Residential Battery Storage System

1. LiFePO4 Battery: The safest LiFePO4 battery Safe and Green
2. Smart BMS: Intergrated smart BMS with self balance for each serial of cells
3. Longer Lifetime: 6000 cycles, up to 15 yearsdesign life
4. High Power System: Compatible with multiple inverters
5. Rational Use of Space: It provides highly efficient energysolutions for household scenariosand small commercial scenarios
6. Plug in and Play: High security technology ensures stable and excellent performance

#### Specification of Residential Battery Storage System

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



**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