



## LiFePO4 Solar Stackable Energy Storage System Battery IP55 For Household

### 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-SH37680
- 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

- Modul Numbere: 3
- Normally Capacity(kwh): 7.68
- Battery Weight: 115kg
- Protection Level: IP55
- Operating Voltage Range(V): 136.8-172.8
- Nominal Voltage: 153.6V
- Dimension: 550x430x697.5mm
- Battery Cell Type: LiFePO4
- Rated Working Current: 50A
- Communication AC110V/220V/50Hz/60Hzmethod: CAN/RS485/RS232
- Highlight: **Stackable Energy Storage System IP55,  
Stackable Energy Storage System LiFePO4,  
Stackable LiFePO4 Battery Household**



## Product Description

### High Safety Stackable Home Energy Storage Long Cycle Life Best Price Household Power Supply System

#### Stackable Home Energy Storage System Description

Our LiFePO4 solar battery is now fully compatible with most of the well-known inverters on the market, making it a seamless and hassle-free addition to any home solar system. Built with advanced technology and designed for maximum efficiency and durability, the ELFBULB solar battery is the ideal solution for homeowners looking to reduce their reliance on traditional energy sources.

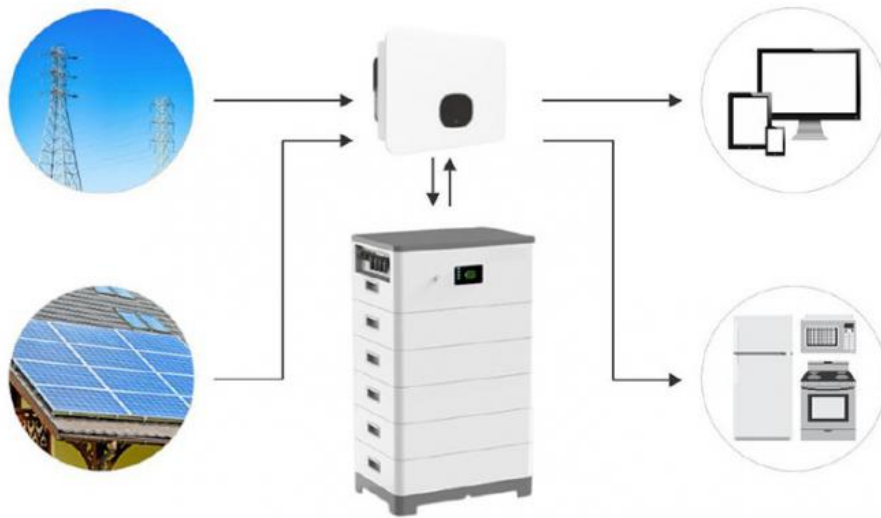


#### Stackable Home Energy Storage System Specification

| Model                       | 3 modules                          | 4 modules     | 5 modules     | 6 modules      |
|-----------------------------|------------------------------------|---------------|---------------|----------------|
| Nominal capacity (kwh)      | 7.68                               | 10.24         | 12.8          | 15.36          |
| Battery cell configuration  | 48S1P                              | 64S1P         | 80S1P         | 96S1P          |
| Operating voltage range(V)  | 136.8-172.8                        | 182.4-230.4   | 228-288       | 237.6-345..6   |
| Weight                      | 115kg                              | 145kg         | 175kg         | 205kg          |
| Nominal voltage             | 153.6V                             | 204.8V        | 156V          | 307.2V         |
| Dimension (mm)              | 550x430x697.5                      | 550x430x826.5 | 550x430x955.5 | 550x430x1084.5 |
| Battery cell type           | LiFePO4                            |               |               |                |
| Rated working current       | 50A                                |               |               |                |
| 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 | 63A, (@25 ,5S)       |
| Self-discharge rate           | ≤3.5%/month/@25°C    |
| Series function               | 3S~8S                |

### Stackable Home Energy Storage System Connection Diagram



### FAQ

**Q: What is your MOQ?**

A: There is no MOQ and we also support a sample service.

**Q: How about the payment terms?**

A: T/T, Paypal, Wire Transfer and Online Transfer are all acceptable.

**Q: Is the battery kit equipped with BMS?**

A: Yes, our battery kit comes complete with the BMS and all the accessories needed to assemble the battery pack. Customers can assemble their own battery packs if they have enough batteries.

**Q: What options are available for the BMS that comes with the battery kit?**

A: 100A/150A/200A BMS are available for customers to choose.

**Q: What are the advantages of your battery kits?**

A: Our kits have the following advantages:

Stackable

External port can pass 250A current individually

The internal BMS is compatible with CAN and RS485 communication and can communicate with a wide range of inverters without complex commissioning

The PCB boards are soldered with the corresponding wires for the customer to assemble in order

The external LCD display shows the basic parameters

The side clamping plates apply pressure to the battery for better clamping

Equipped with a weak switch for greater safety

Complimentary 485 adapter cable for connection to the PC

**Q: What is the shipping time limit for battery kit?**

A: The transit time is approximately 35-38 business days.

**Q: What should I do when I receive the battery kits?**

A: First open the box when you sign for it to check that the contents have not been damaged in transit, and then double check that the battery kit is complete with all the accessories.

**Q: Why has my logistics information not been updated?**

A: The goods will be shipped by UPS or a local shipping company, but due to the tedious process of shipping across borders, the logistics information will not be updated for a while until the goods arrive in your country. It is only when the goods are picked up by the local carrier and ready for dispatch that the logistics status will be updated accordingly.

### Our services

1. over current protection
2. Steady discharge and charge performance
3. over charge and over discharge protection
4. wide temperature short circuit protection

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