



## Residential Stackable All in One Home 10KWH 15KWH 20KWH 25KWH 30KWH Lifepo4 Battery Energy Storage System

### Our Product Introduction

#### Basic Information

- Place of Origin: Hunan, China
- Brand Name: Pinsheng
- Model Number: 51.2V 100AH
- Minimum Order Quantity: 1
- Price: CN¥6,850.95-7,690.70



#### Product Specification

- Battery Type: Lithium Ion, LiFePO4
- System Voltage: 204.8 V
- Output Power Range: 10-20Kw, 20-50 KWh
- Dimension (L\*W\*H): /
- Weight: /
- System Type: Stackable, Stackable
- Type: All-In-One
- Communication Port: CAN, RS-232, Rs485
- Protection Class: IP54, IP64, IP65, IP55
- Grid Connection: Off Grid, Hybrid Grid
- Battery Type: Lithium Ion Battery
- OEM/ODM: Available
- Warranty: 5Years
- Cycle Life: 6000 Times
- Payment: Paypal/TT/Western Union



#### More Images



## Our Product Introduction

for more products please visit us on rechargeable-lithionbattery.com

### Product Description

## Residential Stackable All-in-One Home Energy Storage System

### Product Overview

**High Voltage Stackable Lithium Battery with Hybrid Inverter**

**PHOTOVOLTAIC**  
**WIND ENERGY**  
**POWER GRID**

All in one - battery with inverter

98% for system High Efficiency	230/400VAC Multiple output modes
6000 cycles Long life	MAX 15kw High PV power
Stacked Quick installation	EV cell safety standard High safety
7inch Touch screen Smart LCD screen	Easy for moving Mobility

**IEC** **MSDS** **UN38.3**

## High Voltage Stackable Lithium Battery with Hybrid Inverter



All in one - battery with inverter

98% for system

High Efficiency

230/400VAC

Multiple output modes

6000 cycles

Long life

MAX 15kw

High PV power

Stacked

Quick installation

EV cell safety standard

High safety

7inch Touch screen

Smart LCD screen

Easy for moving

Mobility



MSDS UN38.3

### System Specifications

Parameter	Value
Battery Type	LiFePO4
Communication Port	RS485 WIFI or WAN
Protection Level	IP20
Operating Temperature	-20°C - 55°C
Cooling Method	Intelligent Air Cooling
Built-in Interface	RS485
Installation Method	Stackable
Noise Level	<25dB

Parallel Configuration	Up to 48-112 battery packs in parallel
------------------------	--

## Battery Specifications

Power Capacity	15kWh	20kWh	35kWh
Battery Module Voltage Range	48-112V / 85-400V		
Battery Rated Voltage	51.2V		
Battery Module Quantity	1	2	3
Max Charge/Discharge Current	50A / 100A		

## All-in-One ESS Cabinet Dimensions

Configuration	Dimensions (excluding bottom wheel)
15kWh	620 × 438 × 475mm
20kWh	640 × 438 × 624mm
35kWh	640 × 438 × 791mm

## Inverter Specifications

Inverter Output	7kW	10kW	15kW
Rated Output Power	7600VA	11000W	16500W
Rated Output Voltage	230Vac (L/N/PE single-phase)		
Output Waveform	Pure Sine Wave		
Rated Battery Voltage	48Vdc		
Voltage Range	40-60Vdc		
Protection Grade	IP20, Indoor Use		
Ambient Temperature	-20°C - 55°C (-10°C - 55°C, >45°C Derating)		

## Additional Product Views





### High-speed transmission

From the receiving module to the target site  
and return to the source site.



### Origin

From the receiving module to the target site  
and return to the source site.



### Durable

From the receiving module to the target site  
and return to the source site.



### Compatible

From the receiving module to the target site  
and return to the source site.



## 01

### Long life and safety

Vertical industry integration ensures  
more than 4500 times  
cycles with 80% DOD.  
Safe Lithium Iron phosphate battery  
cell.

## 02

### Intelligent

Each battery with independent BMS system manages power  
output smartly and effectively.



## 03



## Durable Modularization

Modular design gives the end customers the power of choice of capacity.



04

### Easy to install and use

Just plug and play to minimize the installation time and cost.  
Compact and fashionable design fits in your sweet home environment.

Hybrid inverter  
Modular  
Power  
Supply  
System

### Arbitrary compatibility with multiple brands

Customizable shape



### Compatibility

Compatible with most of the available Hybrid inverters.

**Safety Cert**

**IEC, CE, UN38.3, MSDS.**



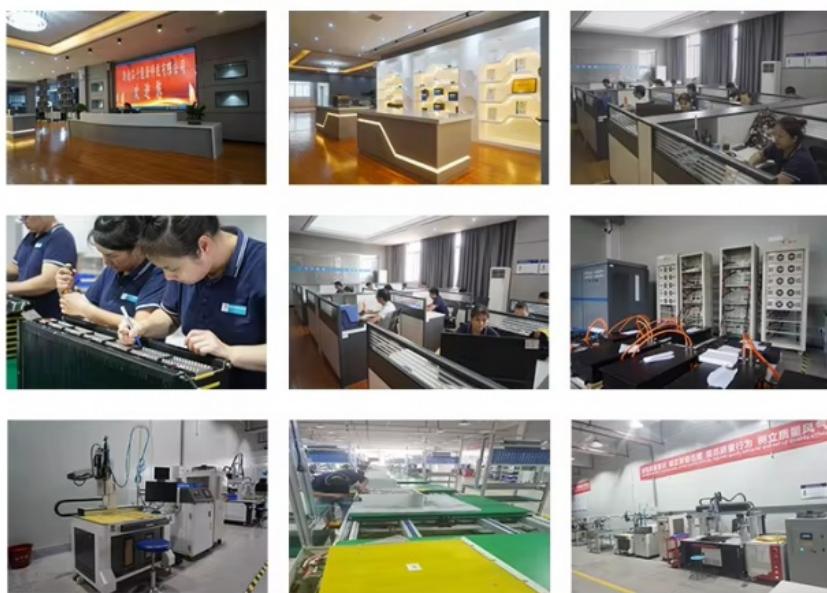
## Exhibition



## Company Display



Hunan Pinsheng Energy Technology Co., LTD



## PAYMENT&LOGISTICS

### LOGISTICS

BY AIR / BY SEA / EXPRESS / UPS / FEDEX / DHL



T/T

WESTERN UNION

L/C

PayPal

MasterCard

VISA

Trade Assurance

FAQ

**Q1 Q: Why choose Pinsheng energy ?**

**A:** Pinsheng Energy have focused on this area over 12 years, it's a manufacturer with strong R&D team ; Professional sales and technical team ; Strict Production process & QC process ; Good after-sales service system etc .

**Q2 Q: Can I have a sample order?**

**A:** Yes, we welcome sample order to test and check quality. Customized is available.

**Q3 Q: How to proceed an order?**

**A:** Firstly let us know your requirements or application. Secondly we quote according to your requirements or our suggestions.  
Thirdly customer confirms the samples and places deposit for formal order.  
Fourthly we arrange the production.

**Q4 Q: What about the lead time?**

**A:** Sample needs approx 15-25 days, mass production time needs negotiation.



All-in-one Home Solar Energy Storage System

*With the ideal lithium battery*

Classic upgraded model to experience  
the high-speed journey





02

## Intelligent

Each battery with independent BMS system manages power output smartly and effectively.



03

## Durable Modularization

Modular design gives the end customers the power of choice of capacity.

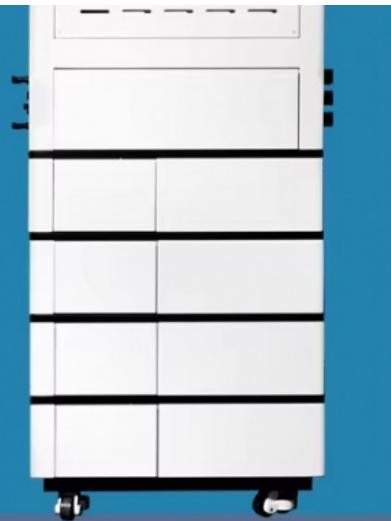


04



## Easy to install and use

Just plug and play to minimize the installation time and cost.  
Compact and fashionable design fits in your sweet home environment.

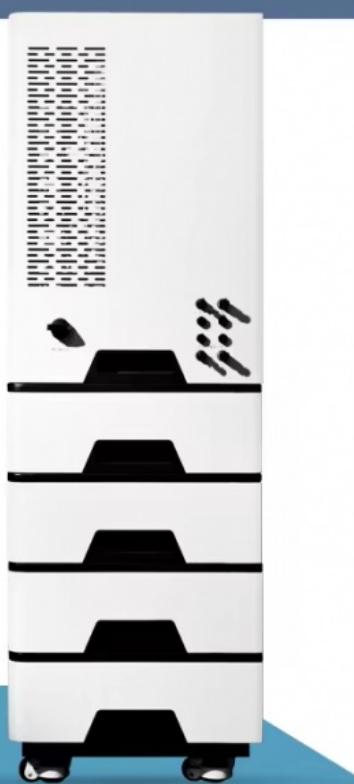


## Arbitrary compatibility with multiple brands

Customizable shape

### Compatibility

Compatible with most of the available Hybrid inverters.



### Safety Cert

IEC, CE, UN38.3, MSDS.



# Exhibition



# Company Display



PINSHENG  
ENERGY

Hunan Pinsheng Energy Technology Co., LTD





## PAYMENT&LOGISTICS

### LOGISTICS

BY AIR / BY SEA / EXPRESS / UPS / FEDEX / DHL



T/T

WESTERN UNION

L/C

PayPal

MasterCard

VISA

### Trade Assurance

## FAQ

**Q1 Q: Why choose Pinsheng energy ?**

**A:** Pinsheng Energy have focused on this area over 12 years, it's a manufacturer with strong R&D team ; Professional sales and technical team ; Strict Production process & QC process ; Good after-sales service system etc .

**Q2 Q: Can I have a sample order?**

**A:** Yes, we welcome sample order to test and check quality. Customized is available.

**Q3 Q: How to proceed an order?**

**A:** Firstly let us know your requirements or application. Secondly we quote according to your

requirements or our suggestions.

Thirdly customer confirms the samples and places deposit for formal order.

Fourthly we arrange the production.

**Q4 Q: What about the lead time?**

**A:** Sample needs approx 15-25 days, mass production time needs negotiation.



**Sofia Tse**

Sales Manager

**Hunan Pinsheng Energy  
Technology Co.,LTD**



2/F, Building 4, Xiangfeng High-Tech Industrial Park, Changsha  
County, Changsha City, Hunan Province  
M.P.: +86-15675831763/13307465388  
P.C: 410100  
E-Mail: sofiatse210816@gmail.com



**Sofia Tse**

Sales Manager

**Hunan Pinsheng Energy  
Technology Co.,LTD**



2/F, Building 4, Xiangfeng High-Tech Industrial Park, Changsha  
County, Changsha City, Hunan Province  
M.P.: +86-15675831763/13307465388  
P.C: 410100  
E-Mail: sofiatse210816@gmail.com



**Hunan Pinsheng Energy Technology Co., LTD.**

15616151876

info@pinshengenergy.com

rechargeable-liionbattery.com

NO. 259, Lixiang East Road, Xiangfeng Technology Industry Park, Changsha City, Hunan, China.