



## PINSHENG High Voltage 10Kw 20Kwh 25Kwh 30Kwh Battery Home Use All in One Inverter Hybrid Solar Energy System

### Our Product Introduction

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

#### Basic Information

- Place of Origin: Hunan, China
- Brand Name: Pinsheng
- Model Number: PEAIO48100
- Minimum Order Quantity: 1
- Price: CN¥6,850.95-7,690.70

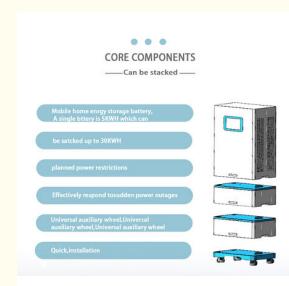


#### Product Specification

- Battery Type: Lithium Ion
- Output Power Range: 10~20 KWh
- System Type: Wall-Mounted, Stackable, Rack-mounted
- Type: All-In-One
- Communication Port: CAN, RS-232, Rs485
- Protection Class: IP54, IP64, IP65, IP55
- Grid Connection: Off Grid, Hybrid Grid
- Product Name: All In One Home Energy Storage System
- Nominal Voltage: 48V
- Nominal Capacity: 50Ah,100Ah,200Ah, 400Ah, 1000Ah
- Battery Type: Lithium Ion Battery
- OEM/ODM: Available
- Warranty: 5 Years
- Cycle Life: 6000 Times
- Payment: Paypal/TT/Western Union



#### More Images



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### Product Description

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### Product Overview



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## PRODUCT APPLICATION



## Intelligent Battery Management System

- Smart 7 Inch Touch screen
- display the parameters of the equipment in real time,
- the running status is clear at a glance.



## CORE COMPONENTS

—Can be stacked—

Mobile home energy storage battery,  
A single battery is 5KWH which can

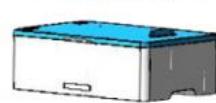
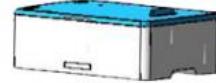
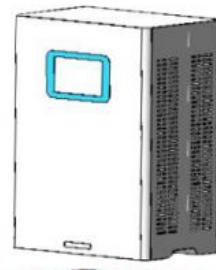
be stacked up to 30KWH

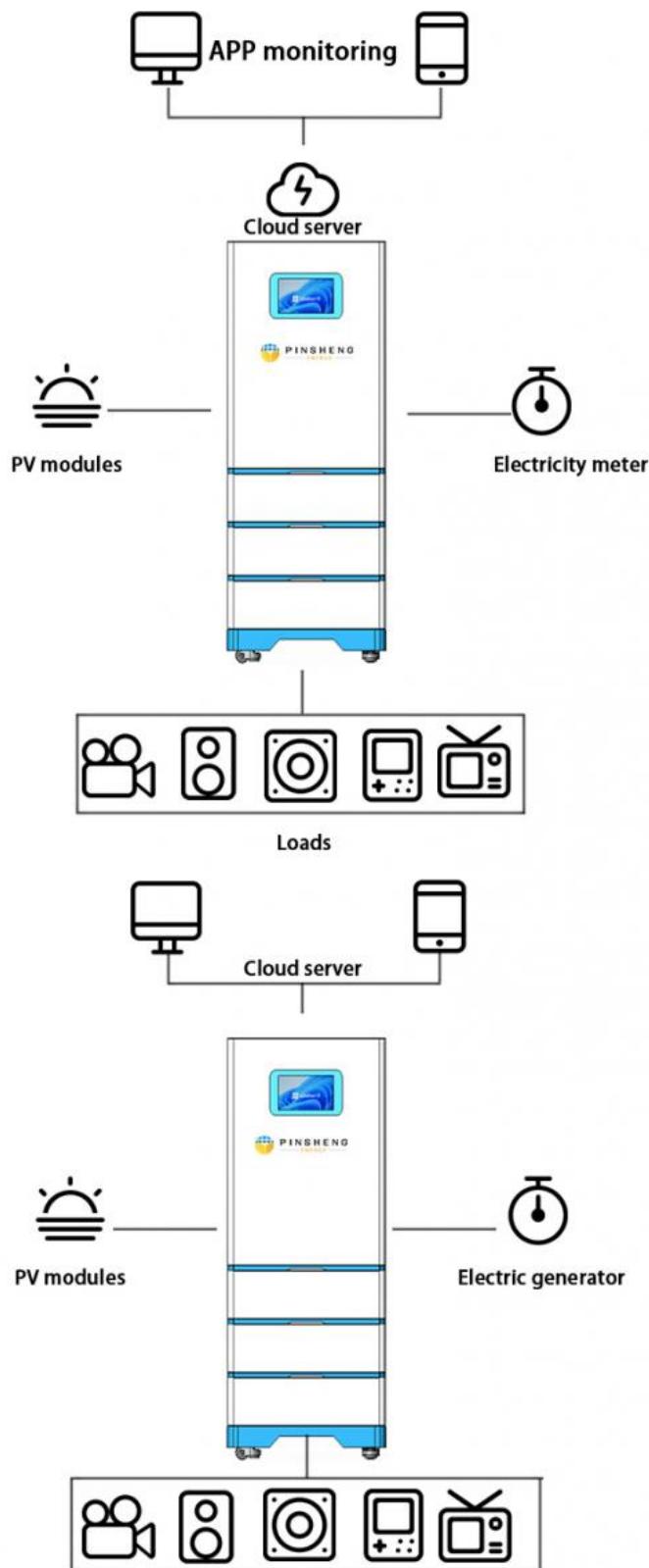
planned power restrictions

Effectively respond to sudden power outages

Universal auxiliary wheel,Universal auxiliary wheel,Universal auxiliary wheel

Quick, installation





## Technical Specifications

Model	LS51100-FP5	LS51200-FP5	LS51300-FP5	LS51400-FP5	LS51500-FP5	LS51600-FP5
<b>Inverter Parameters</b>						
PV Input Power	4000W					
PV Max Charge Current	80A					

Model	LS51100-FP5	LS51200-FP5	LS51300-FP5	LS51400-FP5	LS51500-FP5	LS51600-FP5
Max PV Voltage	145VDC					
MPPT Voltage Range	64~130VDC					
Number of MPPT	1					
EPS Output Power	5000W					
EPS Output Voltage	230VAC					
EPS Output Current	21.7A					
EPS Output Frequency	50/60HZ					
EPS Transfer Time	≤ 20ms					
Waveform	Pure Sine Wave					
AC Charge Current	60A					
<b>Battery Parameters</b>						
Battery Type	LiFePo4	LiFePo4	LiFePo4	LiFePo4	LiFePo4	LiFePo4
Rated Voltage	51.2	51.2	51.2	51.2	51.2	51.2
Rated Capacity	100AH	200AH	300AH	400AH	500AH	600AH
Energy (25°C, 0.5C)	5.12kwh	10.24kwh	15.36kwh	20.48kwh	25.6kwh	30.72kwh
Safety Standard	IEC62619, UN38.3, MSDS					
<b>System Parameters</b>						
Display	7 inch touch LCD					
Operating Temperature	-10°C~60°C					
Humidity	15%~85% (No condensation)					
Size (W*D*H)	640*400*1068mm	640*400*1336mm	640*400*1604mm	640*400*1872mm	640*400*2140mm	640*400*2408mm
Weight	88kg	136kg	184kg	232kg	280kg	328kg

—All In One Ess  
—Low Voltage Stackable Lithium Battery  
—with On/Off Grid Inverter



All in one - battery with inverter

98%  
Efficiency

5-30kwh  
Scalability

3/4/5/KW  
Multiple inverter modes

Easy for moving  
Mobility

Stacked  
Quick installation

max 4kw  
High PV power

7inch Touch screen  
Smart LCD screen

EV cell safety standard  
High safety

## PRODUCT FEATURES

- > A+++ LFP cell and reliable BMS design Module design
- > with flexible expansion to 30kwh Pulley and rail design
- > ensures easy and quick installation of the system
- > Build In MPPT with 99% efficient
- > Low-voltage batteries and inverters provide
- > cost-effective storage systems
- > Operating temperature ranges from -10C° to 55C



### About Hunan Pinsheng Energy Technology Co., LTD

Located in Changsha City, Hunan Province, we focus on developing and producing Li-ion battery and battery system integration. Through years of development and research, we have formed a complete industry chain from research, production to sales.

Our lithium-ion batteries feature **longer cycle life, higher security and reliability, higher energy density, and superior performance**. Products are widely used in electric bikes, E-scooters, electric motorcycles, electric tricycles, golf carts, forklifts, electric vehicles, UPS, telecommunication systems, and off-grid wind solar energy storage.

Pinsheng Energy Battery products sell well at home and abroad, with **strict quality guarantee systems to ensure high-quality products**. We prioritize customers' needs and continuously improve product quality and services. With our own R&D team, we offer customized products and are dedicated to becoming a top OEM/ODM manufacturer in China.



## Certifications



CB



KC



ISO9001



BIS



UL



CE

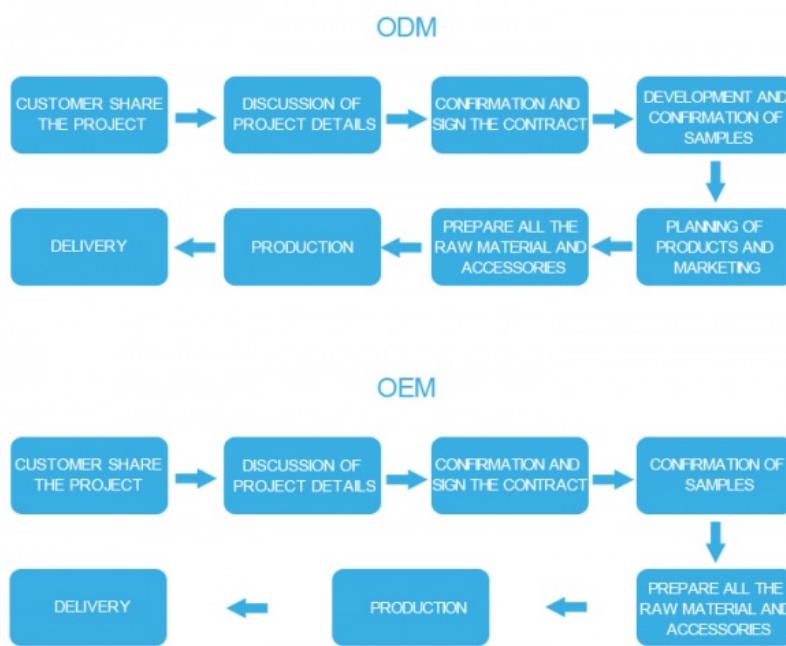


MSDS



UN38.3

## Customized Services



## Packing & Delivery

We use high hardness custom sponge to strengthen the battery for secure transportation.



## Frequently Asked Questions

### Who are we?

We are based in Hunan, China, established in 2021. We serve customers worldwide including Western Europe (28.00%), North America (27.00%), Southeast Asia (18.60%), South America (5.00%), Eastern Asia (5.00%), South Asia (5.00%), Eastern Europe (3.00%), Africa (3.00%), Mid East (2.00%), Oceania (1.50%), Central America (1.00%), Northern Europe (0.50%), Southern Europe (0.30%), and Domestic Market (0.10%). Our team consists of 101-200 professionals.

### How can we guarantee quality?

Always provide a pre-production sample before mass production; Always conduct final inspection before shipment.

**What can you buy from us?**

Batteries, lithium batteries, solar energy systems, lithium power batteries, and lithium battery packs.

**Why should you buy from us instead of other suppliers?**

More than 4,500 square meters workshop and 150 staff; More than 11 years OEM & ODM experience serving well-known customers; Competitive manufacturer pricing; Excellent after-sales service; Integrity management; On-time delivery.

**What services can we provide?**

Accepted Delivery Terms: FOB, CFR, CIF, EXW, CIP, FCA, CPT, DEQ, DDP, DDU, Express Delivery, DAF, DES;

Accepted Payment Currency: USD, EUR, JPY, CAD, AUD, HKD, GBP, CNY, CHF;

Accepted Payment Type: T/T, L/C, D/P D/A, MoneyGram, Credit Card, PayPal, Western Union, Cash, Escrow;

Languages Spoken: English, Chinese, Spanish, Japanese, Portuguese, German, Arabic, French, Russian, Korean, Hindi, Italian.

# Contact Us

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