



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

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: 5Years
- Cycle Life: 6000 Times
- Payment: Paypal/TT/Western Union



More Images



Product Description

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Product Overview



PRODUCT APPLICATION



Villa



Base station



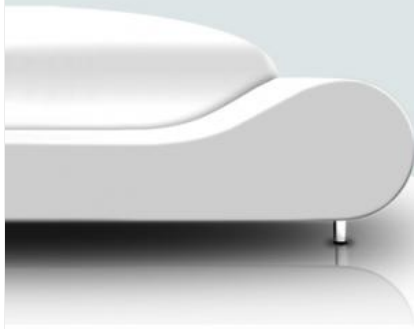
Telecom room



Farm



EV charging station



Battery module free
combination
of battery capacity



Stack up to 16 power
storage bricks together
to meet your needs



Child and pet friendly
with no exposed
wires or hot vents

Intelligent Battery Management System

- Smart 7 Inch Touch screen
- display the parameters of the equipment in real time,
- and 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

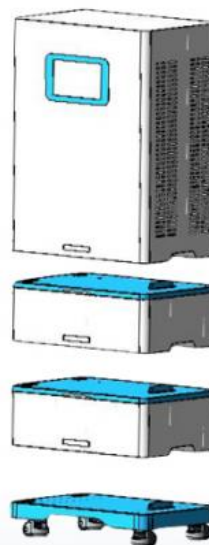
be stacked up to 30KWH

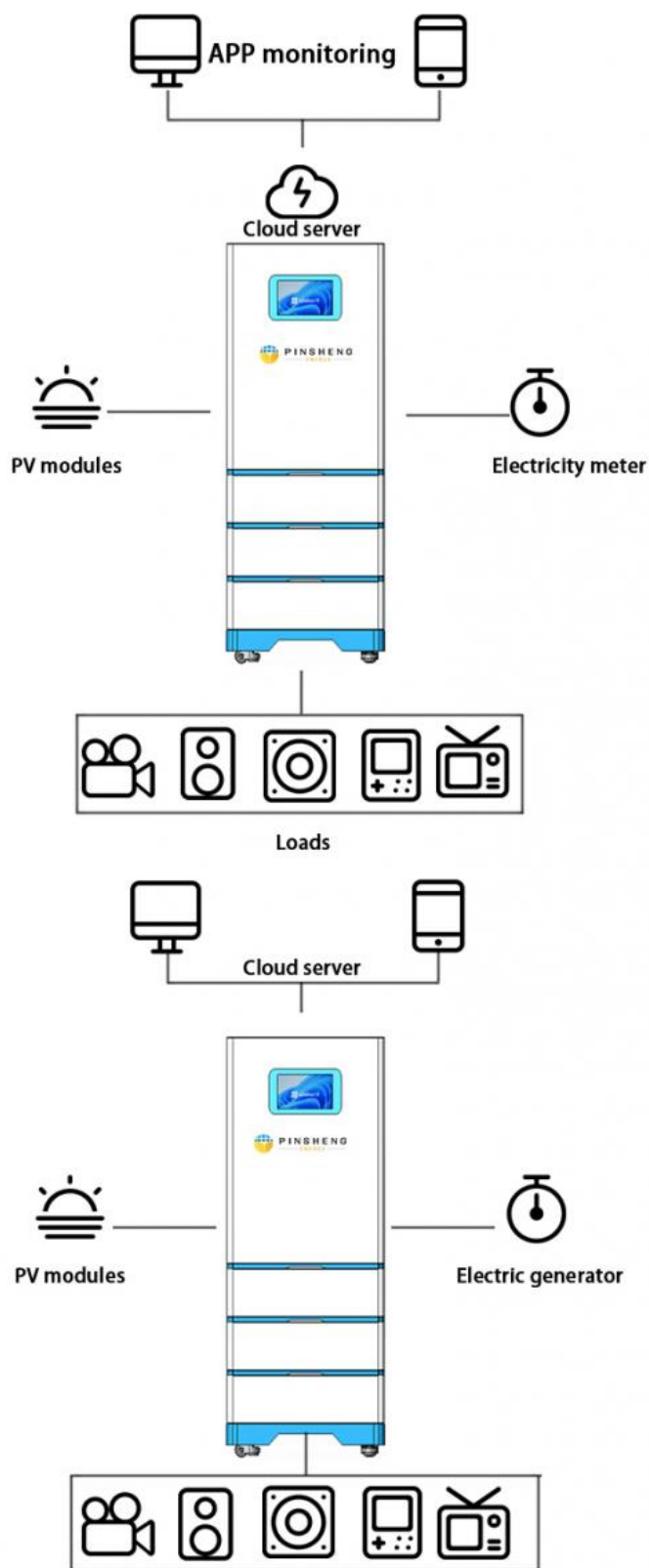
planned power restrictions

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
Inverter Parameters						
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					
Battery Parameters						
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					
System Parameters						
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



The image shows a tall, white, stackable lithium battery unit with a blue-tinted top section. It features a 7-inch touch screen display on the front. The unit is mounted on four small wheels. The background is a bright blue sky with white clouds and a green field with a city skyline in the distance.

PINSHENG ENERGY

WIND ENERGY
PHOTOVOLTAIC
POWER GRID

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 In stallation 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



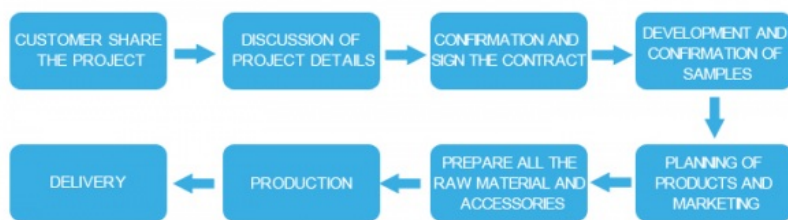
MSDS



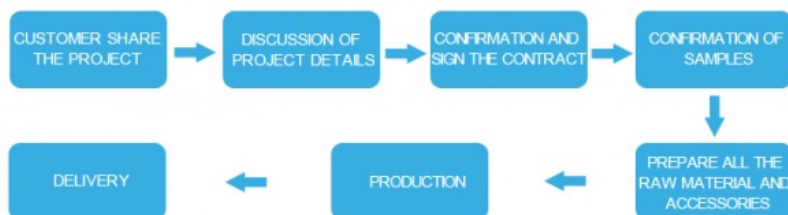
UN38.3

Customized Services

ODM



OEM



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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ENERGY



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