



Industrial Backup Solar 3 Phase Stackable 25kwh Lifepo4 Lithium Ion Battery Cabinet for Home Energy Storage System

Our Product Introduction

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

Basic Information

- Minimum Order Quantity: 1
- Price: CN¥6,850.95-7,690.70



Product Specification

- Battery Type: LiFePO4
- System Voltage: 51.2 V
- Output Power Range: 5-10kW
- System Type: Stackable
- Grid Connection: Hybrid Grid
- Product Name: All In One Home Energy Storage System
- Nominal Voltage: 51.2V
- 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
- Shipping: UPS DHL Fedex TNT
- MOQ: 1



More Images



Product Description

Industrial Backup Solar 3 Phase Stackable 25kWh LiFePO4 Lithium Ion Battery Cabinet

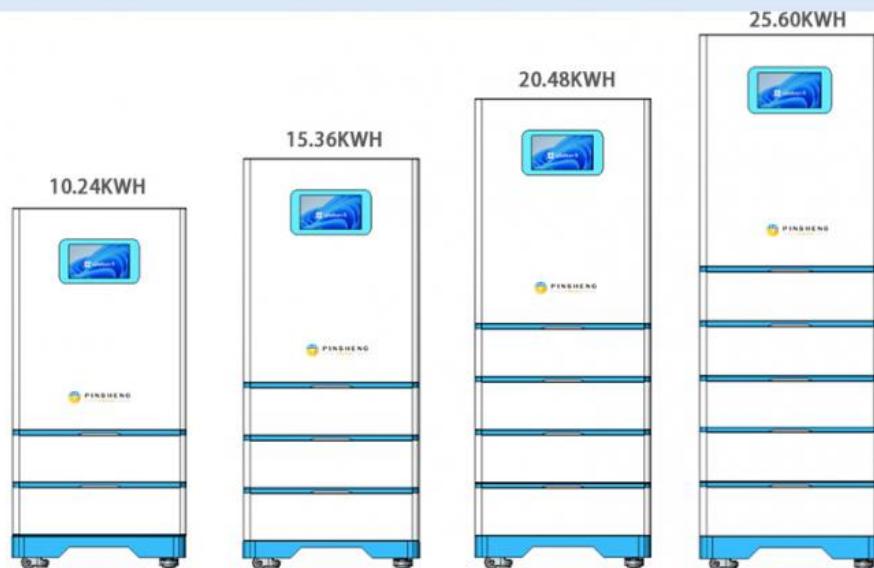
Product Overview

Advanced home energy storage system featuring stackable 25kWh LiFePO4 lithium ion battery cabinets with 3-phase capability for reliable industrial backup power solutions.



PRODUCT FEATURES

- > A+++ LFP cell and reliable BMS 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



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					
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					
Rated Voltage	51.2V					

Model	LS51100-FP5	LS51200-FP5	LS51300-FP5	LS51400-FP5	LS51500-FP5	LS51600-FP5
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) mm	640*400*1068 mm	640*400*1336 mm	640*400*1604 mm	640*400*1872 mm	640*400*2140 mm	640*400*2408 mm
Weight	88kg	136kg	184kg	232kg	280kg	328kg

Product Features



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.

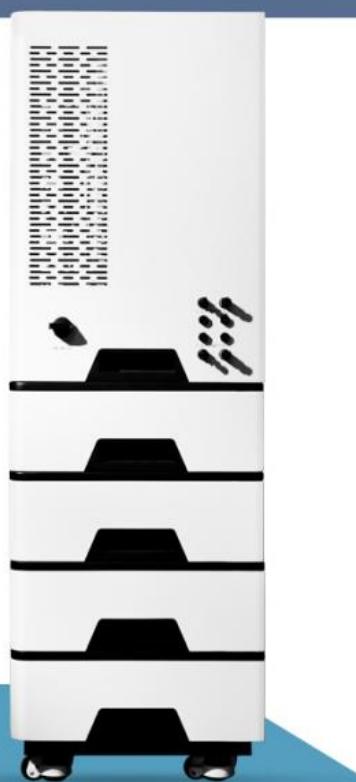


Arbitrary compatibility with multiple brands

Customizable shape

Compatibility

Compatible with most of the available Hybrid inverters.



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.



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CORE COMPONENTS

—Can be stacked—

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

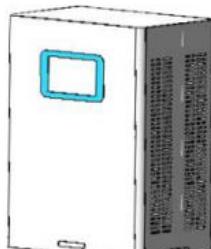
be stacked up to 30KWH

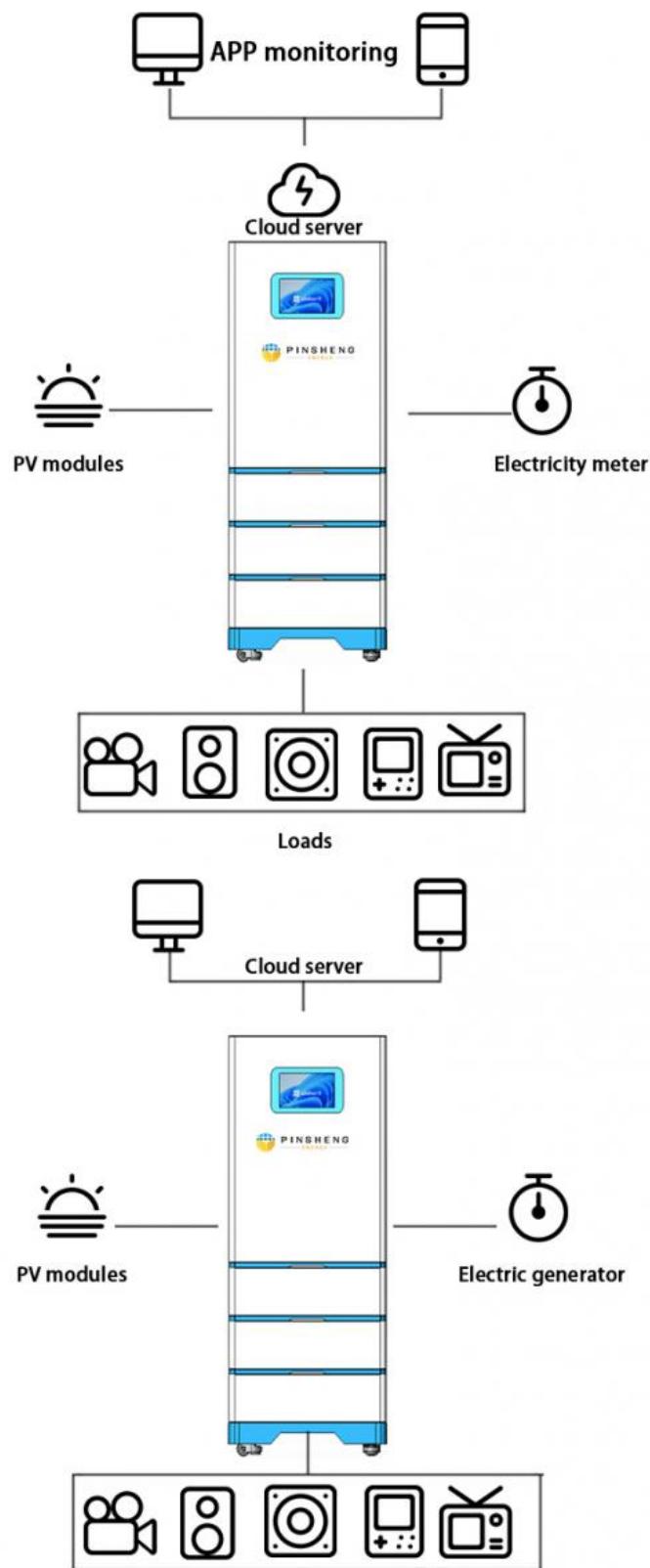
planned power restrictions

Effectively respond to sudden power outages

Universal auxiliary wheel,Universal
auxiliary wheel,Universal auxiliary wheel

Quick, installation





Manufacturer Profile



Hunan Pinsheng Energy Technology Co., LTD, located in Changsha City, Hunan Province, specializes in developing and producing Li-ion batteries and battery system integration. Through years of development and research, we have established a complete industry chain from research and production to sales.

Our lithium ion batteries feature longer cycle life, enhanced security, superior reliability, and higher energy density. Products are widely used in electric bikes, e-scooters, electric motorcycles, electric tricycles, golf carts, forklifts, electric vehicles, UPS systems, telecommunication systems,

and off-grid wind & solar energy storage applications.

Pinsheng Energy Battery products sell well both domestically and internationally, supported by a strict quality guarantee system. We prioritize customer needs and continuously improve product quality and services through our dedicated R&D team, offering customized OEM & ODM solutions.

Packaging & Delivery

All batteries are protected with high-hardness custom sponge reinforcement to ensure safe transportation and delivery.



Certifications



Recommended Products





Warning

- 1. Please read the manual carefully before using it in order to ensure proper use of the battery.
- 2. Do not expose the battery, cell, cell and charger and follow the specified conditions.
- 3. Do not short-circuit or throw batteries in fire.
- 4. Do not short-circuit the (+) and (-) terminals with other metals.
- 5. Do not place batteries in direct sunlight for a long time.
- 6. Please place the battery in a dry or moist within 5 days after leaving the factory.

Frequently Asked Questions

Who are we?

Based in Hunan, China, established in 2021. We export to Western Europe (28.00%), North America (27.00%), Southeast Asia (18.60%), South America (5.00%), and other global markets. Our team consists of 101-200 professionals.

How can we guarantee quality?

Pre-production samples before mass production; 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?

Over 4,500 square meters workshop with 150 staff. More than 11 years OEM & ODM experience serving well-known customers. Competitive pricing, excellent after-sales service, integrity management, and on-time delivery.

What services can we provide?

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

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

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

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

PRODUCTION AND TRANSPORTATION





PINSHENG
ENERGY

ONLINE SERVICE

Any requirements please feel free to contact us. We will do our best to help you in any time



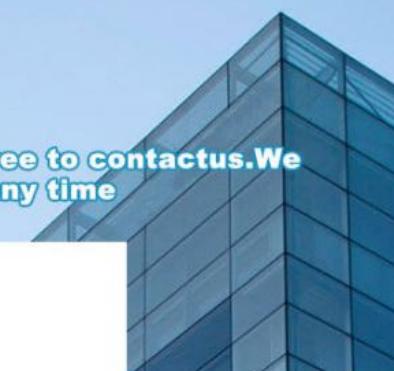
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