



All-in-one 48v Lifepo4 10kwh 15kwh 20kwh 25kwh 30kwh Battery Solar Inverter and Battery Energy Storage System for Home

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: PSWAIO48100
- 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: Stackable
- Communication Port: RS-232, Rs485
- Protection Class: IP64
- Grid Connection: 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
- Shipping: UPS DHL Fedex TNT



More Images



Product Description

All-in-one 48V LiFePO4 Solar Inverter and Battery Energy Storage System

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

System Overview

Complete energy storage solution integrating solar inverter and LiFePO4 battery technology for residential applications.

Basic Parameters

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 Way	Stackable
Noise	<25dB
Parallel Configuration	Up to 48-112 battery packs in parallel

Battery Specifications

Power	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		

Cabinet Dimensions

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





High-speed transmission

110kV The charging headless for the Project 100kV and 110kV charging headless for the Project 100kV



Origin

110kV The charging headless for the Project 100kV and 110kV charging headless for the Project 100kV



Durable

110kV The charging headless for the Project 100kV and 110kV charging headless for the Project 100kV



Compatible

110kV The charging headless for the Project 100kV and 110kV charging headless for the Project 100kV



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
Battery
Solar Panel



Arbitrary compatibility with multiple brands

Customizable shape

Compatibility

Compatible with most of the available Hybrid inverters.

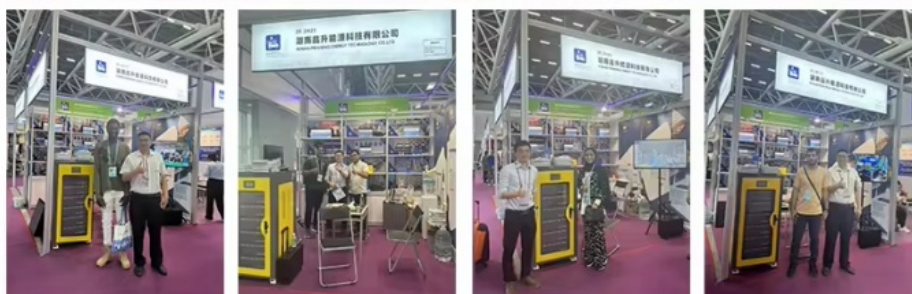


Safety Cert

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



L/C

PayPal



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 for customers .

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.



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