



## PINSHENG 2000w 3000w Off-grid Solar Power Generator System 2kw 3kw 5kw 6kw Home Backup Portable Power Station

Our Product Introduction

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

### Basic Information

- Place of Origin: HUNAN
- Brand Name: Pinsheng
- Model Number: PE-S10
- Minimum Order Quantity: 2
- Price: \$880-950



### Product Specification

- Max Load Quantity(cells): 8
- Battery Type: Semi-solid State
- Cycle Life: 6000 Cycles
- Dimension (L\*W\*H): 570\*400\*230mm
- Application: Home Appliances, Electric Power Systems, Solar Energy Storage Systems
- Weight: Customize
- Operating Temperature( ): -20-60
- Cathode Materials: LiFePO4
- Battery Type: Lifepo4/lithium Battery
- Voltage: 25.6V
- Capacity: 120ah Etc
- Cycle Life: 6000 Times
- Application: Household Energy Storage
- Protection: Built-in Smart BMS



### More Images



## Product Description

### PINSHENG 2000w 3000w Off-grid Solar Power Generator System 2kw 3kw 5kw 6kw Home Backup Portable Power Station

#### Product Overview







Performance Parameters	10KW	15KW	20KW	25KW
Output Power	10KW	15KW	20KW	25KW
Phase	Simplex	Simplex	Simplex	Simplex
Maximum Output Power	3KW/4KW/5KW optional	3KW-5KW optional	3KW-5KW optional	3KW-5KW optional
Rated Voltage	51.2V	51.2V	51.2V	51.2V
Rated Capacity	200AH	300AH	400AH	500AH
Continuous Discharge Current	100A	100A	100A	100A
Peak Maximum Discharge Current	110A/10S	110A/10S	110A/10S	110A/10S
Standard Charging Current	50A	50A	50A	50A
Fast Charge Current	100A	100A	100A	100A
Number of Expandable Batteries	2~15	3-15	4-15	5-15
Optional Capacity Range	10.24~76.8KWH	15.36-76.8KWH	20.48-76.8KWH	25.6-76.8KWH
Cooling Method	Self-cooling	Self-cooling	Self-cooling	Self-cooling
Battery Type	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate
Design Life	15 years@25	15 years@25	15 years@25	15 years@25
Cycle Life	≈10000 times	≈10000 times	≈10000 times	≈10000 times
Frequency	50HZ/60HZ auto detect	50HZ/60HZ auto detect	50HZ/60HZ auto detect	50HZ/60HZ auto detect
Grid Voltage Range	230V(170Vac~280Vac) ±2% 110V(90Vac-280Vac)±2%	230V(170Vac~280Vac) ±2% 110V(90Vac-280Vac)±2%	230V(170Vac~280Vac) ±2% 110V(90Vac-280Vac)±2%	230V(170Vac~280Vac) ±2% 110V(90Vac-280Vac)±2%
PV Maximum Input Power	4200W	4200W	4200W	4200W
MPPT Voltage Range	60-115Vdc	60-115Vdc	60-115Vdc	60-115Vdc
Charging and Discharging Efficiency	>92%	>92%	>92%	>92%
Battery Voltage Range	40.0Vdc~60Vdc ± 0.6Vdc	40.0Vdc~60Vdc ± 0.6Vdc	40.0Vdc~60Vdc ± 0.6Vdc	40.0Vdc~60Vdc ± 0.6Vdc
Warranty	Battery (10 years) Inverter (5 years)	Battery (10 years) Inverter (5 years)	Battery (10 years) Inverter (5 years)	Battery (10 years) Inverter (5 years)
Inverter Size/Weight	602*403*319mm/15KG	602*403*139mm/15KG	602*403*139mm/15KG	602*403*139mm/15KG
Battery Size/Weight	602*403*200mm/55KG single layer	602*403*200mm/55KG single layer	602*403*200mm/55KG single layer	602*403*200mm/55KG single layer
Chassis Size/Weight	602*403*82mm/6KG	602*403*82mm/6KG	602*403*82mm/6KG	602*403*82mm/6KG
Installation Method	Stacked	Stacked	Stacked	Stacked

## Product Certifications

Certified Product: CE, UN38.3, MSDS, Shipping, Dangerous Package

Cell Certification: CE, UL, IEC 62109-1&-2, IEC 62477, EN61000, UN38.3

## Product Packaging



Packaging: Carton Package, Wooden Case.

## Company Profile





PINSHENG  
ENERGY

## Hunan Pinsheng Energy Technology Co.,LTD



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 formed a complete industry chain from research, production to sales.

Our lithium ion batteries feature longer cycle life, enhanced 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 systems, telecommunication systems, and off-grid wind & solar energy storage applications.

Pinsheng Energy Battery products sell well both domestically and internationally. We maintain strict quality assurance systems to ensure high-quality products. We prioritize customers' needs and continuously improve our product quality and services based on their feedback.

With our own R&D team, we offer customized product solutions. Pinsheng Energy has become a competitive manufacturer in China, dedicated to being a top OEM & ODM manufacturer in the industry.

## EXHIBITION



# Certifications





# 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.



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



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