



PINSHENG Hot Selling 864wh/1000w Lithium Ion Rechargeable Battery China Solar Generator Portable Power Station for Camping

Our Product Introduction

for more products please visit us on 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

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Product Overview

High-performance lithium-ion rechargeable battery system designed for solar generators and portable power applications.







Technical Specifications

| 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 |

| Performance Parameters | 10KW | 15KW | 20KW | 25KW |
|-----------------------------------|--|--|--|--|
| 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 & 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 |

Note: Battery voltage range settings including under voltage alarm, shutdown voltage, over voltage alarm, and over voltage recovery can be configured via the LCD screen.

Certification & Compliance

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

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

Packaging

Product Packaging



Available in Carton Package or Wooden Case for secure shipping and handling.

Company Profile



PINSHENG
ENERGY

Hunan Pinsheng Energy Technology Co.,LTD



Hunan Pinsheng Energy Technology Co., LTD is located in Changsha City, Hunan Province. We specialize 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 and production to sales.

Our lithium-ion batteries feature longer cycle life, enhanced security, superior reliability, higher energy density, and other exceptional performance characteristics. Our 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 value their suggestions, continuously improving our product quality and services.

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



Certifications



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 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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