



HNPE 48V 200AH Rack-Mounted Solar Energy Storage System Lifepo4 Battery 10kWh Lithium Iron Phosphate Off-Grid Connection Port

Our Product Introduction

Basic Information

- Place of Origin: Hunan, China
- Brand Name: PisenEner
- Certification: CE/ROHS/MSDS/UN38.3 etc
- Model Number: PE48100
- Minimum Order Quantity: 2 units
- Price: \$460.00/units 2-49 units
- Packaging Details: wooden box UN38.3
- Supply Ability: 5000 Unit/Units per Month



Product Specification

- Battery Type: Lithium Ion, LiFePO4, Other
- Product Name: Lithium Iron Phosphate Lifepo4 Battery Pack
- Nominal Voltage: 48V DC
- Capacity: 50AH 100Ah 200Ah 250AH Customized
- Protection: Built-in BMS
- Size: 3U 4U 5U Customization Acceptable
- Application: Solar Energy System Battery Cell
- Key Feature 1: 6000 TIMES LIFESPAN
- Key Feature 2: Long Warranty From Supplier
- Key Feature 3: Wide Application
- Port: SHENZHEN SHANGHAI NINGBO
- Highlight: **48V 200AH lifepo4 solar battery, rack-mounted lithium iron phosphate battery, 10kWh off-grid energy storage system**

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Product Description

HNPE 48V 200AH Rack-Mounted Solar Energy Storage System Lifepo4 Battery 10kWh Lithium Iron Phosphate Off-Grid Connection Port

Detail display



Specification

Model No	PE48050	PE48100	PE48150	PE48200	PE48250
Voltage	48 V	48 V	48 V	48 V	48 V
Capacity	50Ah	100Ah	150Ah	200Ah	250Ah
Energy	2.4KWH	5.12KWH	7.68KWH	10.24KWH	12.80KWH
Operation voltage	35.25-54.75 Vdc	37.6-58.4Vdc	37.6-58.4Vdc	37.6-58.4Vdc	37.6-58.4Vdc
Max.charging voltage	54.75Vdc	58.4 Vdc	58.4 Vdc	58.4 Vdc	58.4 Vdc
Max.charging and discharging current	50A	100A	100A	100A	100A
Max Power	2400W	5120W	7680W	10240W	12800W
Life time(25°C)	10 years				

Life cycles(80% DOD, 25°C)	>6000 Cycles				
Storage time / temperature	5 months @ 25°C; 3 months @ 35°C; 1 month @ 45°C				
Operation temperature	-20°C to 60°C @60+/-25% Relative Humidity				
Storage temperature	0°C to 45°C @60+/-25% Relative Humidity				
Lithium Battery Standard	UL1642, IEC62619, UN38.3, ROHS,CE-EMC				
Enclosure protection rating	IP65				
Dimensions(L×W×H)mm	482*410*89	482*400*177	482*430*222	482*500*280	482*500*280
Weight	24KG	43KG	65KG	82KG	100KG

Product Parameter



Product Features

More Cycle Life

With around 3000 times On 80%.DOD

Build-in Smart BMS

Communication function ensures the reliable battery performance and remote real time monitoring of battery data

Wide range of temperature

Reliable performance in wide range service temperature from -20°C to 60°C

Support Multiple Communication Protocols

Support with RS485, RS232, CAN

Excellent Electrical Performance

Low internal resistance, good charging/discharging

No fire, no explosion, no leakage

High Security Performance



Product Advantage

The computer obtains the internal information of the battery pack through RS485,RS232,CAN.



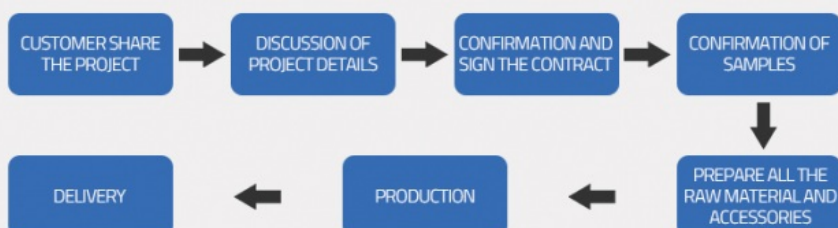
The computer obtains the internal information of the battery pack via Bluetooth.



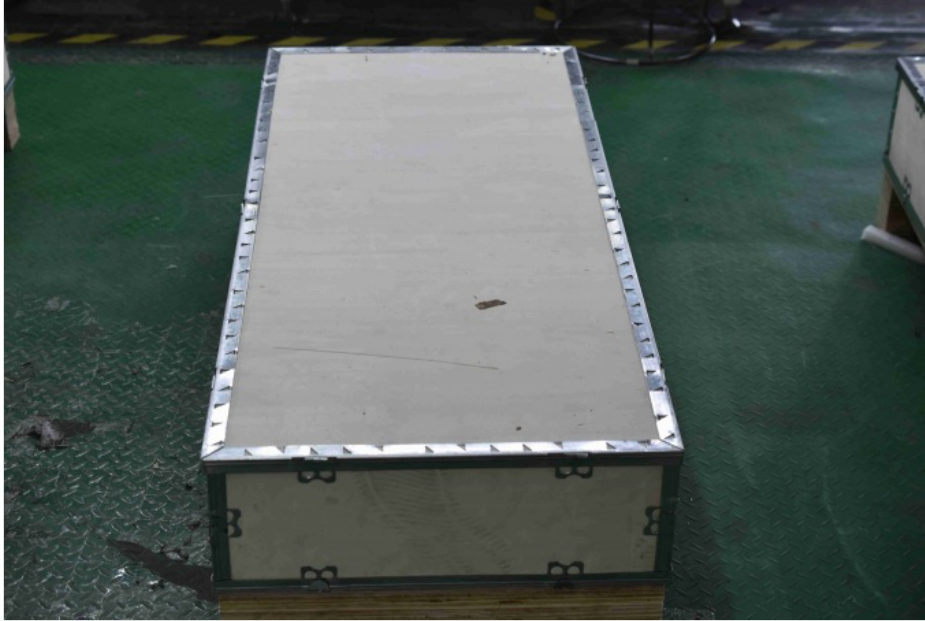
ODM



OEM



Packing & Delivery



WOODEN BOX

Company Profile

Hunan Pinsheng Energy Technology Co.,LTD located in Changsha City, Hunan Province, We focus on developing and producing Li-ionbattery and battery system integration, through many years development and research.we have formed a complete industry chain from research, production to sales.

Our lithium ion battery has the characteristics of longer recycle life, more higher security and more reliability, higher energy density and other superior performance.products are widely used in electric bikes, E-scooter, electric motorcycles, electric tricycles, golf cart, fork lift, electric vehicles, UPS, telecommunication system, off grid wind & solar energy storage and etc.

Pinsheng Energy Battery products sell well at home and abroad, we has strict quality guarantee system to ensure high-quality products. We put customers' needs at the first and listen to their suggestions.We continuously improve our product quality and services. We have our own R&D team so customized products are fine for us, Pinsheng Energy has now become a competetive manufacturer in China, we are edicated to be a top OEM & ODM manufacturer in China.





FAQ

Who are we?

We are based in Hunan, China, start from 2011, sell to Domestic Market(20.00%), North America(20.00%), Northern Europe(10.00%), Central America(10.00%), Western Europe(10.00%), South America(5.00%), South Asia(5.00%), Mid East(5.00%), Southeast Asia(5.00%), Eastern Europe(5.00%). There are total about 150 people in our office.

How can we guarantee quality?

Always a pre-production sample before mass production;
Always final Inspection before shipment;

What can you buy from us?

Lithium Battery, Lithium Battery Pack, Solar Energy Storage Lithium Battery, Electric Vehicle Battery, Solar System

Why should you buy from us not from other suppliers?

1. We focus on lithium battery manufacturing for many years.
2. We have advanced facilities and strong R&D strength
3. Our battery with longer recycle life, higher security and reliability, higher energy density.
4. We have strict quality guarantee system.

What services can we provide?

Accepted Delivery Terms: FOB, CFR, CIF, EXW, FAS, CIP, FCA, DDP, DDU;

Accepted Payment Currency:USD,CNY;
Accepted Payment Type: T/T,L/C,MoneyGram,Credit Card,PayPal,Western Union,Cash,Escrow;



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