



# Prismatic Lifepo4 3.2v 100ah 120ah Lithium Ion Battery For Solar Storage

### **Basic Information**

Place of Origin: hunan,chinaBrand Name: pinsheng Energy

Certification: ceModel Number: pe2246Minimum Order Quantity: 1PCS

• Delivery Time: 15-25 work days

• Payment Terms: T/T, Western Union, MoneyGram

• Supply Ability: 30000+set+per month



### **Product Specification**

Product Name: LifePO4 Lithium Battery

Model Number: Pe2246
Capacity: 280ah
Nominal Voltage: 3.2V
Storage Type: Standard
Sealed Type: Sealed

Application: Solar Energy Storage Systems

• Cycle Life: 3500times

• Highlight: pinsheng prismatic lifepo4 battery,

3500times Solar Storage Lithium Ion Battery,

CE Approved Lithium Ion Battery 3.2v



### More Images







# **Company Display**



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







### **CERTIFICATE**





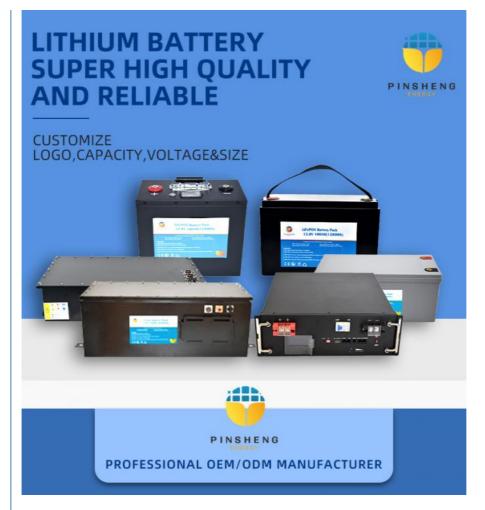












### **Key Features of Pinsheng Lithium Battery**

- 1. Long life, large capacity and good shock resistance
- 2. Low self discharge and good discharge performance at low temperature
- 3. Strong charing acceptace and quick- charging capability
- 4. Storage over- discharge resistance and charge retention
- 5. Maintenance-free and no acid or water for mantence in usage
- 6. Excellent large current discharge performance, and have obvious advantages in startup and climing
- 7. High temperature performance
- 8. Environmental friendly
- 9. Lighter weight smaller size
- 10.Good service

### **Specifications:**

Items	Specifications

Nominal Voltage	3.2V	
Nominal Capacity	280Ah	
Standard Charge Current	0.2C-0.5C	
Max. Charge Current	1C	
Continuous Discharge Current	1C	
Peak Discharge Current	2C	
Charge Cut-off Voltage	3.9V	
Discharge Cut-off Voltage	2V	
Inner Resistance	≤ 0.3mΩ (At 0.2C rate, 2.0V cut-off)	
Weight	5.5kg	
Dimension	Length: 205mm  Width: 175mm  Thickness: 72mm	
Operating Temperature	Charging: 0°C ~ 45°C  Discharging: -20°C ~ 55°C	

Storage Temperature	optimal store temperature of 23 $\pm$ 5°C for long term storage
Life Cycle	≥3500 times (100% DOD till 80% of initial capacity at 0.2C rate, IEC Standard)

Gravimetric Energy Desity(Wh/kg)	110-190	20-50	
Volumetric Energy Density( Wh/Kg)	170-310	60-90	
Cycle Durability	>3000 cycles	300-500 cycles	
Self discharge Rate	<2%	<4%	
Discharge Rate	10C	1C	
Installation	Smallsize and light weight ,about40% of the weight of a comparable elead acid battery	Big and heavy, difficult to install	
Maintenance	No need for regular maintenance	Regular manintenance staff required	
Enviromental Protection	Freee of hearby metals, safe and pollition free recycling utilization rate is high	Containing hearvily pollutiong and toxic substances ,such as lead,arsenic, mercury	
Superior safety	lihtium Iron phosphate chemistry reduces the ris of explosion of combustion		





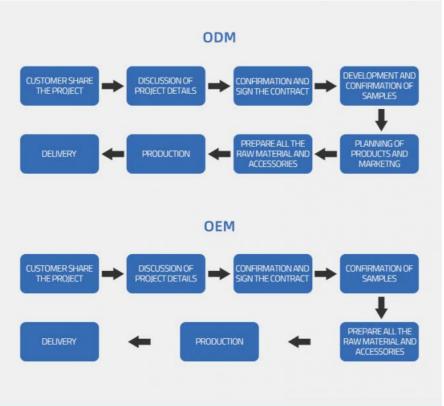














Competitive edge



Professional Manufacting Solutions



Maximum 5 Years Warranty



Low Moq With Competetive Price



Have a compelete after-sale service



With us, you will get low factory price at low Moq requirement;



With us, you will get a compelete power solutions



With us, you will get convenience shipping worldwide.

### **WE CAN DO IT**



#### Our advantage:

- igh efficiency development based on our strong team
- supply goods with lowest price
- high quality service



#### Our promise :

- professional service for customer, provide correct sample quickly
- supply high quality standard
- delivery goods on time

# PAYMENT&LOGISTICS

### LOGISTICS

### BY AIR / BY SEA / EXPRESS / UPS / FEDEX / DHL



### **Trade Assurance**

T/T











### **FAQ**

### Q1 Can you give me a discount?

A: We are manufactory , our policy is that bigger quantity , cheaper price , so we will give you discount according to your order quantity

### Q2 The shipping cost is too high , can you give me more cheaper?

A: When we calculate the shipping cost for you . we will use the cheapest and safest courier .and it is shipping company who ask us to pay , we cant gie you cheaper , pls kindly understand But we can promise that we will not ask you to pay more shipping cost , if u think it is too expensive , you can use your own shipping company . it is ok for us .

### Q3 Can you offer free shipping?

A: For we are manufacturer, we have given the cheapest price as we can, and we did not add shipping cost into the products cost , so we cant offer free shipping , pls kindly understand , tks .





### Sofia Tse

Sales Manager

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