



## solar battery lifepo4 prismatic cell 3.2v 100ah 200ah 280ah lithium battery cell for solar energy storage

Our Product Introduction

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

### Basic Information

- Place of Origin: hunan,china
- Brand Name: pinsheng Energy
- Certification: ce
- Model Number: pe2246
- Minimum 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: 100ah lithium battery cell,  
280ah lithium battery cell,  
200ah lithium battery cell



### More Images



# Company Display



PINSHENG  
ENERGY

Hunan Pinsheng Energy Technology Co.,LTD



## CERTIFICATE



# LITHIUM BATTERY SUPER HIGH QUALITY AND RELIABLE



CUSTOMIZE  
LOGO,CAPACITY,VOLTAGE&SIZE



PINSHENG  
ENERGY

PROFESSIONAL OEM/ODM MANUFACTURER

## Key Features of Pinsheng Lithium Battery

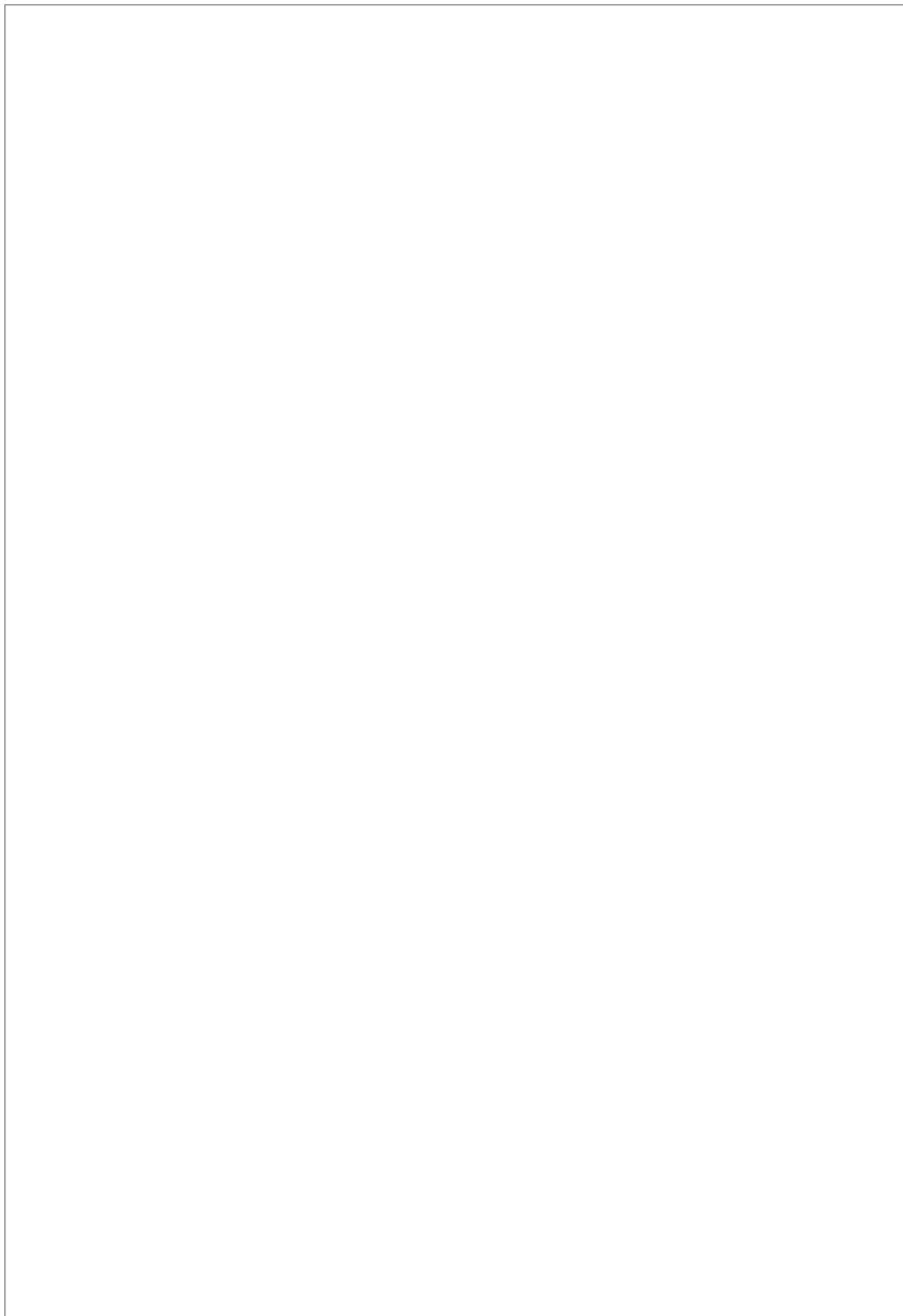
1. Long life, large capacity and good shock resistance
2. Low self discharge and good discharge performance at low temperature
- 3.Strong charging acceptance and quick- charging capability
4. Storage over- discharge resistance and charge retention
- 5.Maintenance-free and no acid or water for mantence in usage
6. Excellent large current discharge performance, and have obvious advantages in startup and climbing
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	$\leq 0.3\text{m}\Omega$ (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 $23 \pm 5^{\circ}\text{C}$ for long term storage
Life Cycle	$\geq 3500$ times (100% DOD till 80% of initial capacity at 0.2C rate, IEC Standard)



Gravimetric Energy Density(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	Free 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	







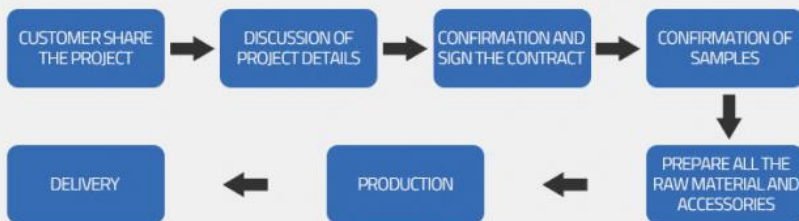
# Wide Application



## ODM



## OEM



# WHY CHOOSE US?

Competitive edge



Professional Manufacturing Solutions



Maximum 5 Years Warranty



Low Moq With Competitive Price



Have a complete after-sale service



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



With us, you will get a complete power solutions



With us, you will get convenience shipping worldwide.

## WE CAN DO IT



### Our advantage :

- ✓ high 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



L/C

PayPal



VISA

## 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 .

# Contact Us



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