



## Pinsheng 3.2V 100Ah 200Ah LiFePO4 Lithium Ion Battery Cell For Vehicle

### 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: **200Ah LiFePO4 Lithium Ion Battery ,  
3.2V 100Ah Lithium Ion Battery**



# 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 maintenance 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<br>Width: 175mm<br>Thickness: 72mm      |
| Operating Temperature        | Charging: 0°C ~ 45°C<br>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) |
|                     |  |
|                     |  |

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|                                   |   |  |
|-----------------------------------|---|--|
| 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           |  |
|                                   |   |  |
|                                   |   |  |







## 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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