



A Grade Prismatic Iron Phosphate Lithium Ion Cell Lifepo4 3.2V 100Ah For Solar Energy

Our Product Introduction

for more products please visit us on 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: **Phosphate Lithium Ion Cell Lifepo4, 3.2V 100Ah Lithium Ion Cell**



Product Description

A Grade New Prismatic Iron Phosphate Lifepo 4 Cells Lithium Ion Cell Lifepo4 3.2V 100Ah Battery For Solar Energy [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 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	≥ 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	

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



PINSHENG
ENERGY





PINSHENG
ENERGY



PINSHENG
ENERGY





PINSHENG
ENERGY



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



Sofia Tse

Sales Manager

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

2/F, Building 4, Xiangfeng High-Tech Industrial Park, Changsha
County, Changsha City, Hunan Province
M.P.: +86-15675831763/13307465388
P.C: 410100
E-Mail: sofia_tse210816@gmail.com



**PINSHENG
ENERGY**

Hunan Pinsheng Energy Technology Co.,LTD



Hunan Pinsheng Energy Technology Co., LTD.

☎ 15616151876

✉ info@pinshengenergy.com

🌐 rechargeable-liionbattery.com

NO. 259, Lixiang East Road, Xiangfeng Technology Industry Park, Changsha City, Hunan, China.