



# Rechargeable lifepo4 battery 60ah 80ah 100Ah 120ah 180Ah 200Ah 3.2v Prismatic Lithium Battery EV solar Storage battery

## **Basic Information**

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity: 1PCS
- Delivery Time:
- Payment Terms: T/T, Western Union, MoneyGram

ce

pe2246

hunan,china

pinsheng Energy

15-25 work days

• Supply Ability: 30000+set+per month



### **Product Specification**

- Product Name:
- Model Number:
- Capacity:
- Nominal Voltage:
- Storage Type:
- Sealed Type:
- Application:
- Cycle Life:
- Highlight:

LifePO4 Lithium Battery
Pe2246
280ah
3.2V
Standard
Sealed

- Solar Energy Storage Systems
- 3500times
  - Rechargeable lifepo4 battery, Prismatic Lithium Battery, EV solar Storage battery

#### 





# **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	$\leq$ 0.3m $\Omega$ (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

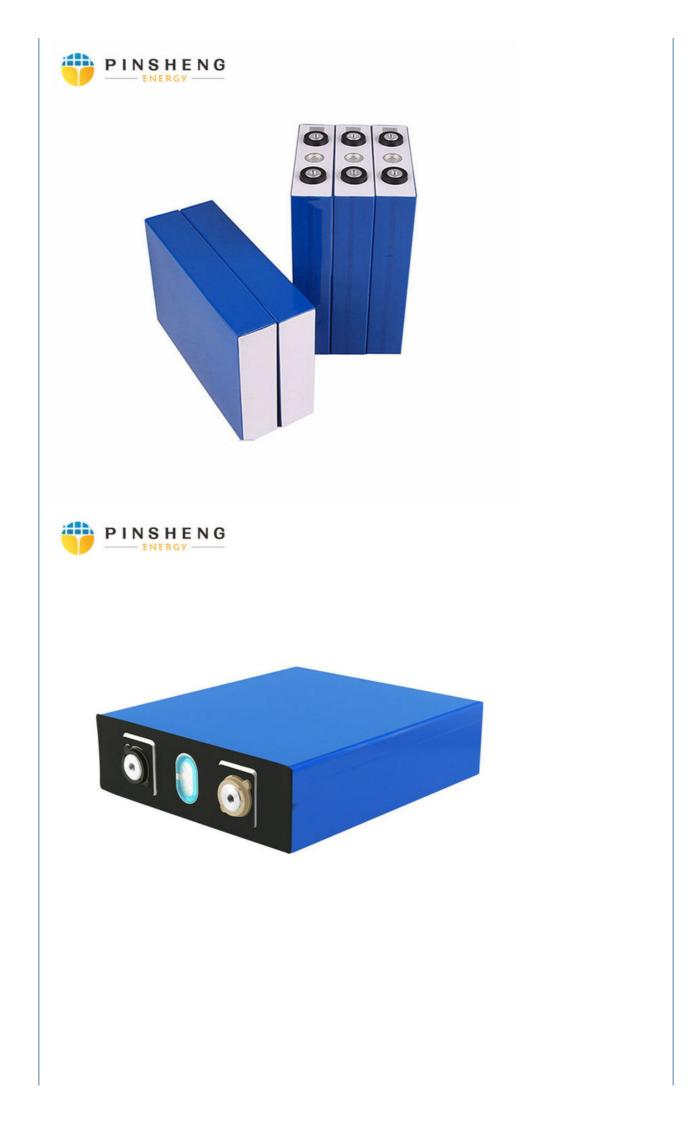
Storage Temperature	optimal store temperature of 23 $\pm$ 5°C for long term storage
Life Cycle	≥3500 times (100% DOD till 80% of initial capacity at 0.2C rate, IEC Standard)

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		

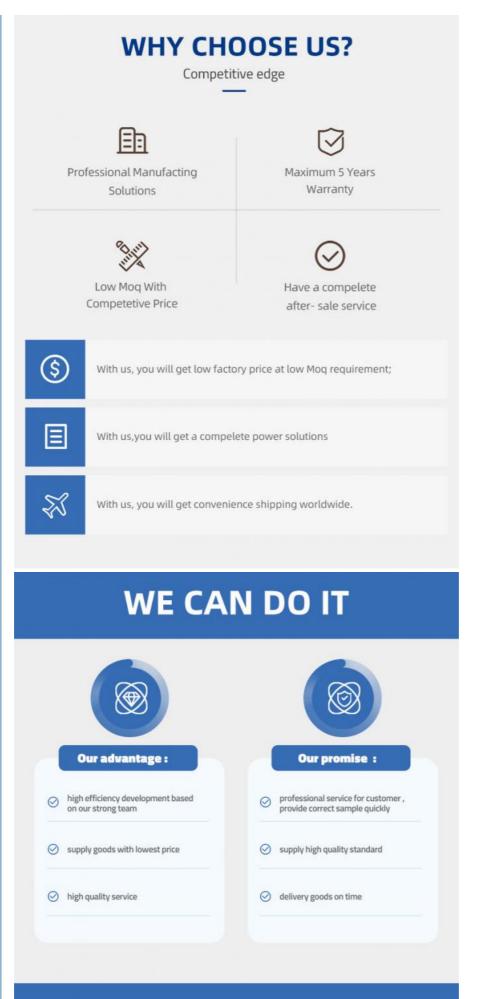




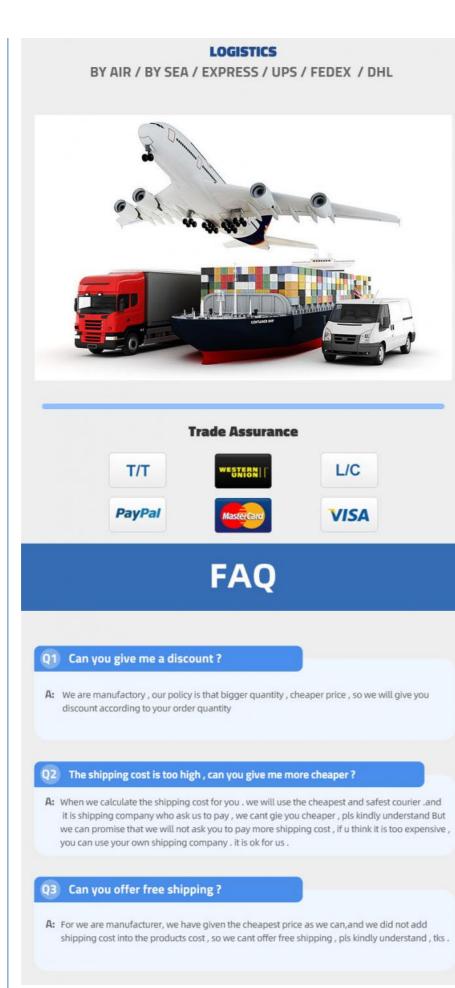








# **PAYMENT&LOGISTICS**



# **Contact Us**



#### Sofia Tse Sales Manager

Liver Die

#### 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: sofiatse210816@gmail.com





info@pinshengenergy.com

@ rechargeable-liionbattery.com

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