



### 2000-6000 Cycle Life LifePO4 Battery Cell A Grade Small And Delicate **Battery**

#### **Basic Information**

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity:
- Delivery Time:
- Payment Terms:
- Supply Ability:
- pe2246 1PCS 15-25 work days T/T, Western Union, MoneyGram 30000+set+per month

hunan,china

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pinsheng Energy

PINSHENG

#### **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
    - 2000 Cyclelife LifePO4 Battery Cell, 3.2V 280ah LifePO4 Battery Cell



# **Company Display**



### Hunan Pinsheng Energy Technology Co.,LTD





## CERTIFICATE







Grade A 280Ah Lifepo4 Cells Lf280K Prismatic 3.2V Lifepo4 280Ah Battery Cell 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<br>280Ah                                     |  |
| Nominal Capacity                |   |  |
| Standard Charge<br>Current      | 0.2C-0.5C   |  |
| Max. Charge Current             | 1C  |  |
| Continuous Discharge<br>Current | 1C  |  |
| Peak Discharge Current          | 2C  |  |
| Charge Cut-off Voltage          | 3.9V  |  |
| Discharge Cut-off<br>Voltage    | 2V  |  |
| Inner Resistance                | $\leq$ 0.3m $\Omega$ (At 0.2C rate, 2.0V cut-off) |  |
| Weight                          | 5.5kg   |  |
| Dimension                       | Length: 205mm<br>Width: 175mm<br>Thickness: 72mm  |  |

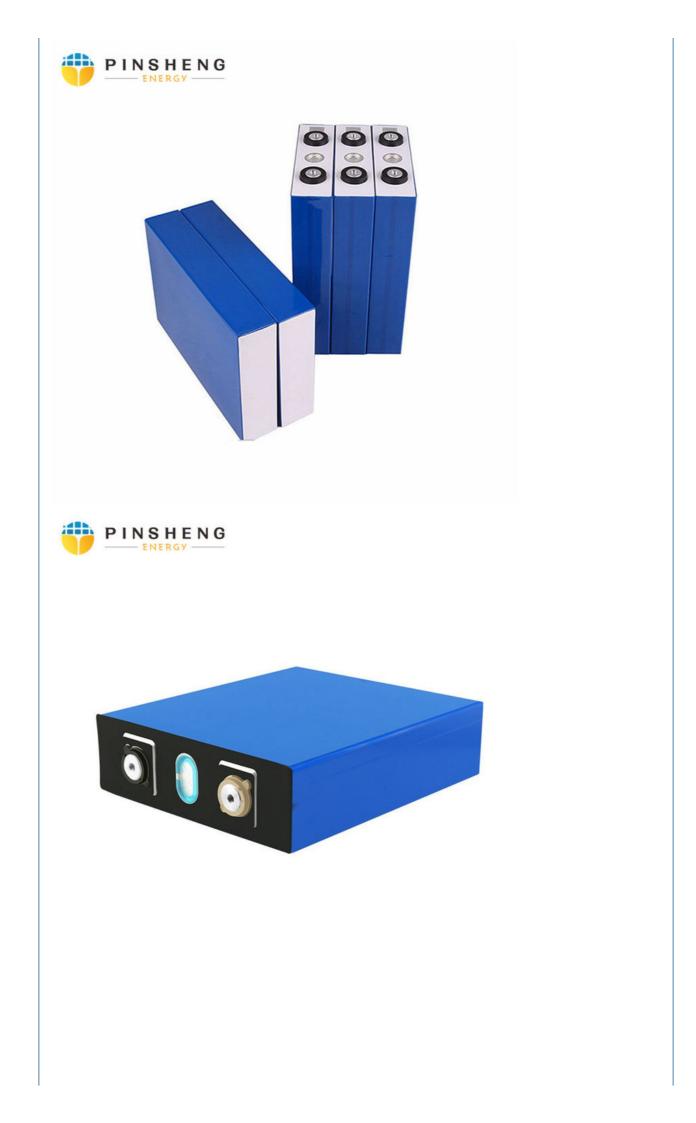
| Operating Temperature | Charging: 0°C ~ 45°C<br>Discharging: -20°C ~ 55°C                                 |  |
|-----------------------|---|--|
| Storage Temperature   | optimal store temperature of 23 $\pm$ 5°C for long term storage                   |  |
| Life Cycle            | ≥3500 times (100% DOD till 80% of initial capacity at 0.2C rate, IEC<br>Standard) |  |

| Gravimetric<br>Energy<br>Desity(Wh/kg)  | 110-190   | 20-50  |
|---|---|--|
| Volumetric<br>Energy Density(<br>Wh/Kg) | 170-310   | 60-90  |
| Cycle Durability                        | >3000 cycles  | 300-500 cycles   |
| Self discharge<br>Rate                  | <2%   | <4%  |
| Discharge Rate                          | 10C   | 1C   |
| Installation                            | Smallsize and light weight<br>,about40% of the weight of a<br>comparable elead acid battery | Big and heavy, difficult to install  |
| Maintenance                             | No need for regular<br>maintenance  | Regular manintenance staff required  |
| Enviromental<br>Protection              | Freee of hearby metals, safe<br>and pollition free recycling<br>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                 |  |

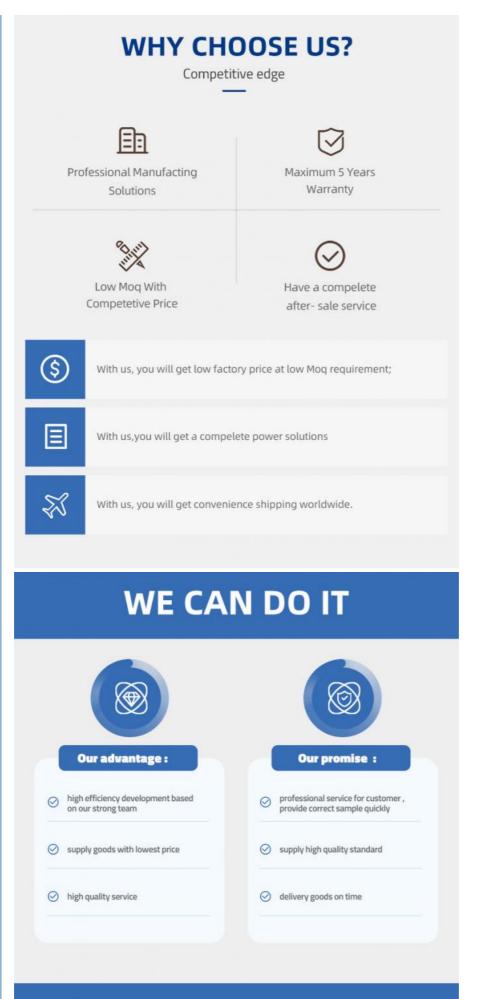




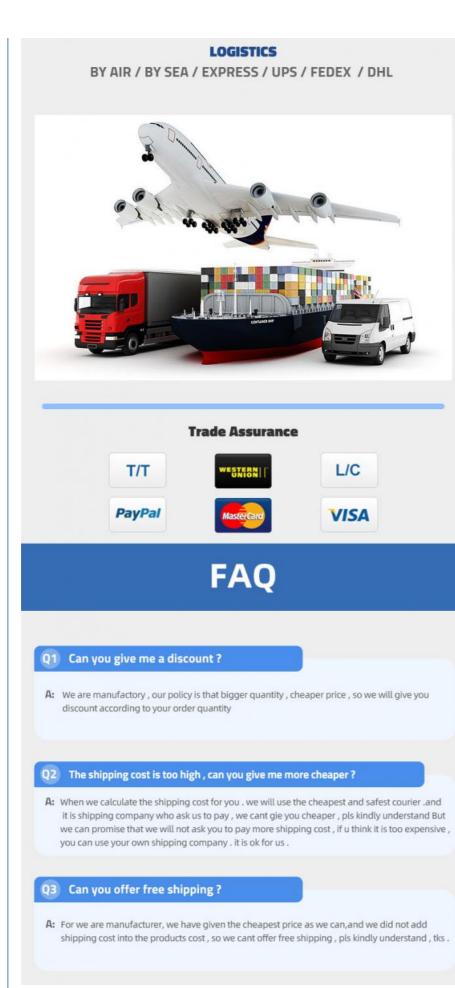








# **PAYMENT&LOGISTICS**



## **Contact Us**



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