

## SolarGrid Energy Solutions

# 280ah cylindrical lithium battery

*LiFePO<sub>4</sub> Battery, safety*

*Wide temperature: -20~55°C*

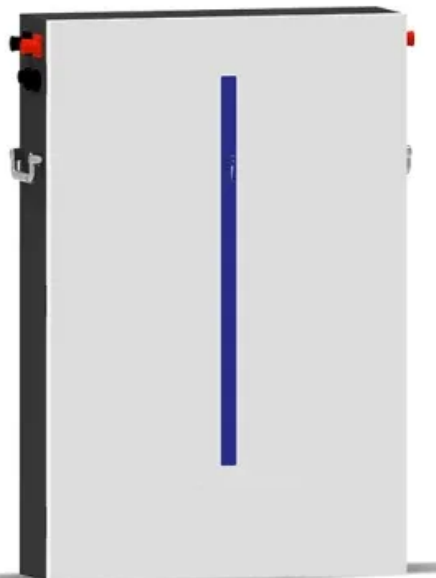
*Modular design, easy to expand*

*Wall-Mounted&Floor-Mounted*

*Intelligent BMS*

*Cycle Life: ≥ 6000*

*Warranty: 10 years*



## Overview

---

What is a CATL 280ah lithium phosphate battery?

The CATL 3.2V 280Ah lithium iron phosphate (LiFePO<sub>4</sub>) battery is a state-of-the-art model featuring an aluminum casing, manufactured by CATL, a prominent Chinese lithium battery supplier. This battery cell boasts an exceptional cycle life of over 12,000 cycles and delivers stable performance, making it ideal for Energy Storage Systems (ESS).

What is CATL 3.2V 280ah lithium iron phosphate LiFePO<sub>4</sub> battery?

CATL 3.2V 280Ah lithium iron phosphate LiFePO<sub>4</sub> battery is a new model with an aluminum case produced by CATL, a leading lithium battery supplier from China; this battery cell has a super long cycle life of more than 12000times, have a stable performance used for ESS (energy storage system).

How to recycle 280ah lithium-ion battery cells?

Recycling 280Ah Lithium-Ion Battery Cells involves several key steps designed to recover valuable materials and minimize environmental harm: Collection and Transportation: Ensuring safe and efficient collection and transportation of spent LFP batteries to recycling facilities.

How are lithium ion phosphate battery cells made?

Lithium-ion Phosphate battery cells, including the 280Ah variant, undergo a meticulous manufacturing process. This typically begins with the preparation of cathode and anode materials. For LiFePO<sub>4</sub> cells, lithium iron phosphate is utilized as the cathode material due to its stability and safety.

Are lithium-ion battery cells the future of power storage?

The era of renewable energy and the shift towards more efficient, reliable power storage solutions have spotlighted the pivotal role of lithium-ion battery cells.

## 280ah cylindrical lithium battery

---

### Home



Champ Offer High Performance Lithium ion Batteries and Cells with Good Consistency based on the Measurements of Cell's Voltage, Capacity, Impedance, etc.

### Docan,Powering the World with High-Quality ...

Located in Shenzhen, Guangdong Province, China, it is a high-tech enterprise specializing in the research, development, and sales of LiFePO4 prismatic ...



### HiThium Garde A HC280 3.2V 280Ah 10000 ...



Hithium lithium battery production line has achieved highly automation and intelligence in production. Based on long-life and high-safety storage cell, ...

### Higee Lifepo4 Battery System Lifepo4 Lithium Ion Battery ...

Higee Lifepo4 Battery System Lifepo4  
Lithium Ion Battery Lifepo4 Cylindrical  
Cells 3.2v 280ah 314ah Power Tools  
Solar Toys LFP



 **TAX FREE**





## ENERGY STORAGE SYSTEM

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled

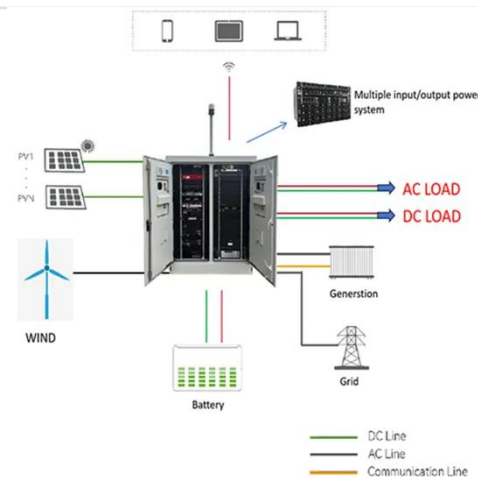


## Home

AmBattery Offer High Quality Lithium ion Batteries and Cells with Good Consistency based on the Measurements of Cell's Voltage, Capacity, Impedance, etc.

## Lithium Battery Manufacturer & Supplier

2 days ago · EVE Battery is the world's leading lithium battery manufacturer, focusing on the lithium battery industry for 24 years, with core technologies.



## EVE LF280K 3.2V 280Ah LiFePO4 Prismatic ...

Aug 1, 2025 · EVE Brand New Module: LF280K 3.2 V 280Ah LiFePO4 Battery Cell  
Nominal Voltage:3.2V Nominal capacity:280Ah Working ...



## Lithium Leisure Battery

Looking for the best Lithium Leisure Batteries? You've found them. Fogstar Drift is the UK's leading range of lithium leisure batteries - trusted by thousands of ...



## LF280K-V3-Prismatic LiFePO4 Battery Cells-EVE Energy

5 days ago · EVE LF280K-V3 is a LiFePO4 battery cell designed and produced by the top lithium ion battery company. With 280Ah capacity, LF280K-V3 can be applied for electricity storage ...

## CATL 3.2V 280Ah LiFePO4 Battery Cells

The CATL 3.2V 280Ah lithium iron phosphate (LiFePO4) battery is a state-of-the-art model featuring an aluminum casing, manufactured by CATL, a

prominent Chinese lithium battery ...



### **Redodo 12V 280Ah Bluetooth LiFePO4 Lithium ...**

The 12V 280Ah battery is equipped with advanced Bluetooth monitoring, Low Temp Cutoff, and Grade-A cells for superior performance. Perfect for RVs, ...

### **Rack Mounted Lithium Cylindrical Cell 3.2V 280ah LiFePO4 Battery**

Aug 6, 2025 · The modules range from li ion battery, LiFePO4 battery, RC battery, Laptop battery, Lithium polymer battery and Battery pack. All the batteries are approved by TUV, UN38.3, CE, ...



### **3.2V 280Ah Grade A LiFePO4 Lithium ion battery ...**

Specification Items Specification Nominal Capacity 280Ah Nominal Voltage 3.2V Impedance(Max, at 1000Hz.)  $\leq 0.25\text{m}\Omega$  Weight  $5300 \pm 300\text{g}$  Dimension ...



### **3.2V 20Ah 15Ah C40 Prismatic Lithium Ion Battery 40135 ...**

3.2V 20Ah 15Ah C40 Prismatic Lithium Ion Battery 40135 33140 MB31 MB30 280K Energy Storage Cylindrical LiFePO4 Cell Battery



### **China Factory supplied Cylindrical Li-Ion Battery**

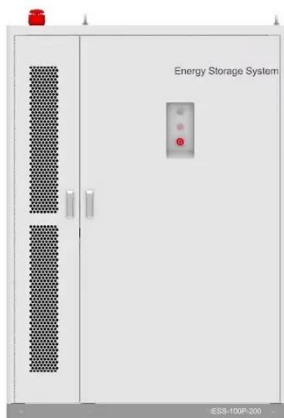
Nov 30, 2024 · Product Detail: Product Introduction of the PLM-LFPO4-3 This lifepo4 battery cell 3.2v 170-280ah real capacity optional.205\*175\*17mm dimension with high quality.100% pre ...

### **EVE 3.2v 280ah Lf280k Energy Lithium Ion Batteries Lifepo4 Battery**

The 3.2V 280Ah LiFePO4 Battery is a high-performance lithium iron phosphate cell designed for reliability, safety, and



long-term energy storage. Engineered with cutting-edge technology, this ...



### **EVE 3.2v 280ah Lf280k Energy Lithium Ion Batteries Lifepo4 Battery**

The 3.2V 280Ah is a high-capacity lithium iron phosphate (LiFePO4) battery cell designed for large-scale energy storage and industrial applications.

### **CATL LiFePO4 280Ah Cell**

This is a CATL LiFePO4 280Ah Cell. Min. 4 \* CATL 280Ah Cell in a Pack. 1 \* Batterie Busbar for Each Cell. 2 \* Metal Shims for Each Cell. 2 \* Screws for ...



### **NOVACELL EVE CATL 3.2v 280ah lifepo4 battery ...**

More Details NOVACELL EVE CATL 3.2v 280ah lifepo4 battery cell prismatic lithium ion batteries Grade A is very popular for Energy storage, Home ...





### **CATL New LiFePO4 Battery 280Ah Prismatic Cell**

Feb 26, 2025 · CATL 3.2V 280Ah lithium iron phosphate LiFePO4 battery is a new model with an aluminum case produced by CATL, a leading lithium ...



### **280ah LiFePo4 Battery Cells , PKENERGY**

May 8, 2025 · PKENERGY lifepo4 battery cells are built to endure, with a significantly longer cycle life compared to traditional lithium-ion batteries. They ...

### **Rechargeable 3.2V 280Ah Cylindrical Lithium Iron Phosphate Battery**

Rechargeable 3.2V 280Ah Cylindrical Lithium Iron Phosphate Battery Prismatic Lithium Ion Solar Energy Storage



### **Lithium Prismatic Cells: High-Capacity Solutions for Energy ...**

2 days ago · Need reliable lithium prismatic cells? Discover top-grade 3.2V batteries with high energy density and long cycle life for solar systems and industrial applications. Compare ...

### **280Ah Lithium-Ion Battery Cells for Battery Energy Storage ...**

Feb 20, 2024 · This article delves into the intricacies of 280Ah lithium-ion battery cells, covering their manufacturing process, available sizes, integration into battery packs, longevity, ...



### **Go Green & Save Bluesun 51.2v 280ah Solar Battery ...**

Go Green & Save Bluesun 51.2v 280ah Solar Battery Efficient, Long-lasting & Fast-charging - Buy Batterie Lithium



prismatic Lithium Ion Batteries  
cylindrical Lithium Ion Batteries batterie  
Lithium ...

## EVE LF280K 3.2V 280Ah Prismatic LiFePO4 ...

We have the unique ability to develop custom Prismatic LiFePO4 battery pack to fit your needs. Our expert team of chemists, engineers, and manufacturers ...

Test certification  
CE FC U



## China Li-Ion Cylindrical Battery Factory

Apr 13, 2022 · Product Detail: Product Introduction of the PLM-LFPO4-3 This lifepo4 battery cell 3.2v 170-280ah real capacity optional.205\*175\*17mm dimension with high quality.100% pre ...

## Eve LiFePO4 280ah 8000 Cycles 48V Pack LiFePO4 Battery 3.2V Lithium

4 days ago · Eve LiFePO4 280ah 8000 Cycles 48V Pack LiFePO4 Battery 3.2V Lithium Battery for Solar Battery Energy Storage System Home Solar Energy

System, Find Details and Price ...



**ESS**



### **LiTime 12 Volt 280Ah Plus LiFePO4 Lithium Battery**

The LiTime 12V 280Ah low-temp cut-off protection lithium battery outperforms lead-acid batteries with its faster charging efficiency. 3 versatile charging ...

### **EVE LF280K V3 Grade A Cells (Pack of 4)**

(Pack of 4) EVE LF280K V3 LiFePO4 Prismatic Cells - High-Capacity Lithium Iron Phosphate Power Cell Overview The EVE LF280K LiFePO4 Prismatic ...



### **Lishen EVE REPT Gotion 3.2v 280Ah 300Ah 314Ah 340Ah LFP ...**

5 years warranty Lishen EVE REPT Gotion 3.2v 280Ah 300Ah 314Ah 340Ah lifepo4 battery cell More options: 3.2v 15Ah 20ah 25Ah 27Ah 30Ah 32ah 100Ah



105Ah 130ah 154ah 160ah 173ah ...

## Rechargeable 3.2V 280Ah Cylindrical Lithium Iron Phosphate Battery

Products Description Item Name  
Rechargeable 3.2v 280ah lifepo4 battery  
prismatic brand new Long life lithium cell  
battery 3.2v 280ah lifepo4 battery  
Weight 5.24kgs size: 175\*207\*71.5mm

...



## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://www.wf-budownictwo.pl>