



## ROHS Marine Lithium LFP Battery , 12.8V 150AH Lithium Phosphate Cell

Our Product Introduction

### Basic Information

- Place of Origin: China
- Certification: MSDS, ISO14001, UL, CE, ROHS, etc
- Minimum Order Quantity: 100PCS
- Price: Negotiable
- Packaging Details: Standard Export Carton, Wooden Case ,Pallet etc.
- Delivery Time: 7~30 days
- Payment Terms: T/T
- Supply Ability: 3500 Per Months



### Product Specification

- Cell Material: Lithium Iron Phosphate Battery/Ternary/NMC/NIMH,etc
- Cell Brand: CATL/BYD/Domestic/SANYO/Samsung/Panasonic,etc.
- Voltage: 12.8V/Customized
- Capacity: 150AH/Customized
- Weight: 19.5Kg
- Storage Temperature: -20°C~45°C
- Max.Cont Dischargign Current: 300A
- Charging Current: 5~20A
- Highlight: **ROHS Lithium LFP Battery, Marine Lithium LFP Battery, 150AH Lithium Phosphate Cell**

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## Product Description

### Environmental Friendly High Safety 12.8V 150AH Lithium Iron Phosphate Battery With CE/ROHS Approved For Marine/Yacht

#### Quick Details:

High Safety ,LiFePO4 batteries are considered to be safer than other types of lithium-ion batteries.

Low internal Resistance ,No Memory Effect,High Performance

Lithium batteries are lighter compared to Lead Acid batteries, making them a more suitable choice for portable applications or where weight is a concern.

Different capacity battery cells for options.

Increased Flexibility: Modular design enables deployment of up to four batteries in series and up to ten batteries in parallel.

Great Factory Price with Best Quality and After-Selling Service

Dustproof and Rain Proof Power Plug for Harsh Environment

BMS&PCM function: Over-charge protection, Over-Discharge protection, Over-current protection, Short Circuit protection, High Temperature protection, Balance Charge/Discharge protection

Lithium Iron Phosphate Battery VS Lead Acid Battery	
high charging efficiency, wide range, and fast charging, while	lead-acid batteries are slow to charge.
a lifespan of 10-15 years and a warranty period of 5 years. It is small in size and light in weight, saving the floor space of the room.	The acid battery has a short service life and needs to be replaced after 3 to 4 years.
Generally, the cycle life of lead-acid batteries is 3 to 5 years, and the number of charge and discharge times is 500 to 600 times.	The lithium iron phosphate battery has a cycle life of more than 15 years, fast charge and discharge speed, more than 3000 times of charge and discharge, and strong high temperature resistance.

**Application:** Electric Sweeper Chuck, Electric scooter , Electric Bike, Electric Delivery Van, Electric Farm Tractor, Electric Logistic Van and City Cargo Van, E-cars, E-cars, E-buses, E-trucks, fork lifts, E-scooters, E- boat, Off-highway Vehicle, house storage power/digital , off-grid solar energy /wind energy storage, Telecom base station and backup power supply, Drone batteries, Motorcycles batteries, cars batteries, buses batteries, trucks batteries, yachts batteries, Launch batteries, ships batteries, Tricycles batteries, Pedicab batteries, racing cars batteries, three wheeler vehicle batteries, Limousine batteries, Bank Power supply systems batteries, UPS batteries, Solar Energy Storage batteries, Wind Energy Storage batteries, Hospital Power Supply system batteries, Home Power System batteries, etc. Smart Devices, medical devices, mechanical devices, energy storage, Motorcycles batteries, cars batteries, RV batteries, home solar system, Camper batteries, tuk-tuk batteries, sightseeing bus batteries, Pedicab batteries, yacht batteries, three wheeler vehicle batteries, Bank Power supply systems batteries, UPS batteries, Tricycles batteries, Limousine batteries, Telecom Stations batteries, Solar Energy Storage batteries, Wind Energy Storage batteries, Hospital Power Supply system batteries, Home Power System batteries, etc.

#### Factory Provide:

1. Lithium battery cell manufacturing, with different capacity.
2. Cylindrical Li ion battery cell (18650/ 26650/ 32650, 38120, 14500) manufacturing.
3. Battery management system (BMS/PCM) design, production is done in-house.
4. Plastic tooling, injection is done in-house.
5. Battery packing is done in-house.

**OEM/ODM Process:** Requirements Gathering → Design and Creating 3D Models → Prototype Development → Testing and Validation → Manufacturing → Quality Assurance → Delivery → Customers Feedback or After-sales service

Specification	
Nominal Capacity	150AH
Nominal Voltage	12.8V
Cycle Time	10000 Times
Size(L*W*T)mm	329*172*219mm
Battery Weight	19.5Kg
Battery Type	Lithium Iron Phosphate Battery
Charging Voltage	14.4~14.6V
Discharging Voltage	50V
Charging Current	5~20A
Discharging Current	150A
Max.Cont Discharge Current	300A
Max.Cont Charging Current	150A
Storage Temperature	-20°C~45°C



# ENHANCED SAFETY

- Consistency of self discharge
- Consistency of voltage
- Consistency of inner impedance
- Consistency of capacity
- Consistency of cycle life
- Consistency of finished battery module





Electric Boat



Solar System



Monitor



Telecom



Camper Car



UPS System



Electric bike / motorcycle / golf cart / scooter / tricycle



Carton



Wooden





#### **What can we offer?**

1. Competitive price: factory price, we can give you more discount if order quantity is good.
2. Technical support : we have 20 person R&D team, can help you solve any technical problems and provide customized battery solutions according to your needs.
3. Quality Assurance:we have our own testing lab, all the batteries have 100% QC inspection before delivery, and we can provide testing reports for you.
4. After-sale service: we have excellent after-sale service team, if you have any question about this product,plus feel free to contact us, we'll reply you within 12 hours.
5. Customized battery solutions based on customer's needs, accept OEM/ODM orders.

#### **Logistic Time:**

- Material Preparation Time: 7-15 days (or inventory)
- Production & Assembly Time 3-10 days
- Testing & Packaging Time: 2-10 days
- Total Delivery Time: 30-45days
- The faster delivery could be negotiable.

**Welocme to inquiry ,Thank you !!**



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