



MSDS Lightweight Lithium Ion Battery Deep Cycle with Built in BMS

Our Product Introduction

Basic Information

- Place of Origin: China
- Certification: 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 Brand: CATL/BYD/Domestic/SANYO/Samsung/Pana
- Voltage: 51.2V/Customized
- Capacity: 100AH/Customized
- Cell Material: Lithium Iron Phosphate Battery/Ternary/NIMH/NCM, etc
- OEM/ODM: Acceptable
- Max Continuous Discharge Current: 100A
- Charge Method: CC/CV
- Weight: 51.85Kg
- Charge Voltage Range: 44.0v~58.0V
- Cell Shape: Square
- Highlight: **MSDS Lithium Ion Battery, Lightweight Lithium Ion Battery, BMS Lithium Ion Deep Cycle**



for more products please visit us on lithiumions-battery.com

Product Description

Deep Cycle Light Weight MSDS/ROHS Approved CATL Lithium Ion Battery Built in BMS For ESS Solar Energy Storage

Quick Details:

Low Internal Resistance, it can be charged at any stage, economically and conveniently

High Energy Density ,High Discharge Rate,High Efficiency

Lighter Weight,Maintenance Free

With best performance in a wide temperature range -20°C-50°C

Lithium Iron Phosphate battery is free of Pb, Cd, Hg, Cr6+, PBB and PBDE, it is an environmental friendly chemical power source.

Great capacity and more powerful,rechargeable battery: We can install many single cells in series and in parallel and it can fully discharge.

Industrial grade high performance lithium battery

With a battery display screen, users can easily monitor the battery's status and make informed decisions about when to recharge or replace the battery.

Comprehensive security protection:Overcurrent Protection,Short Circuit Protection ,Over Temperature Protection

Application:solar , wind complementary stored energy streetlights, energy storage systems, household energy storage. Power Supply: communication base station power supply, utility power supply, communication industry, emergency power supply and other system standby power etc

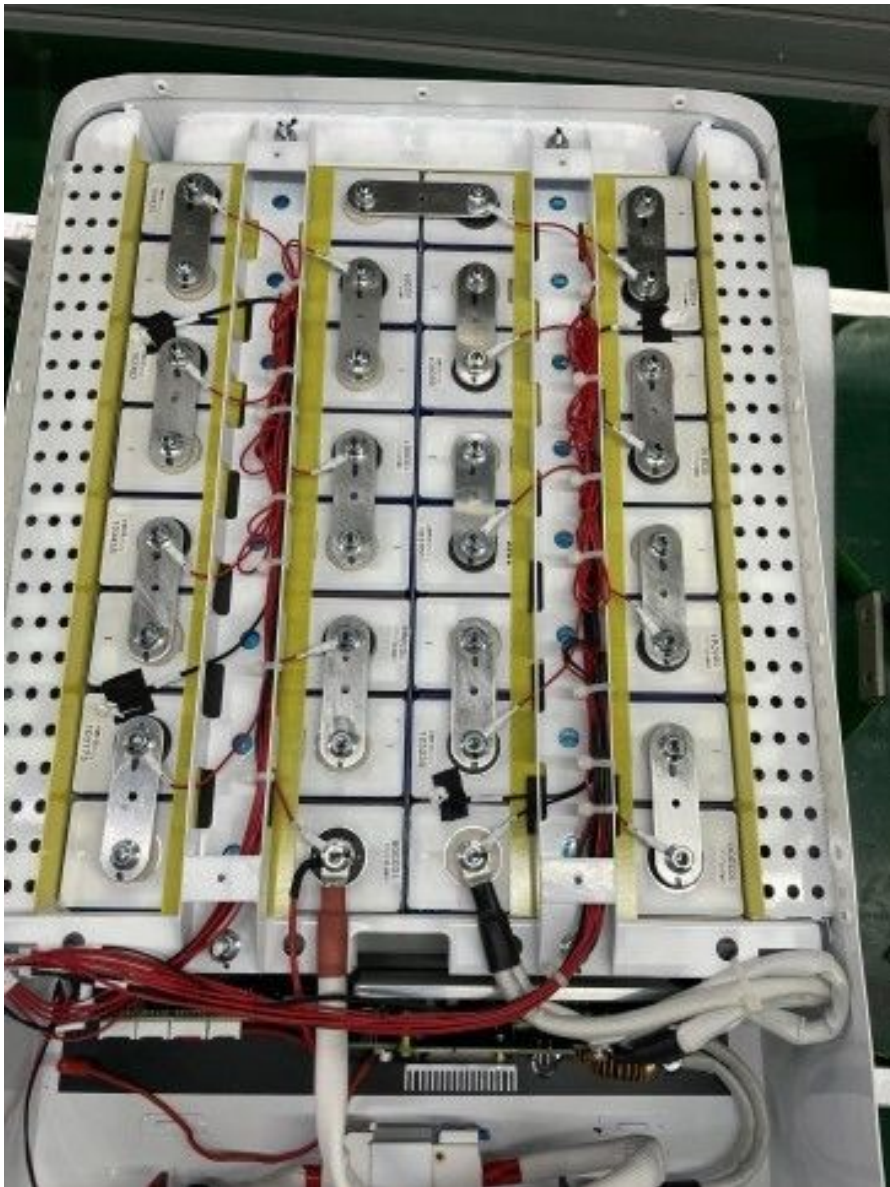
Factory Provide:

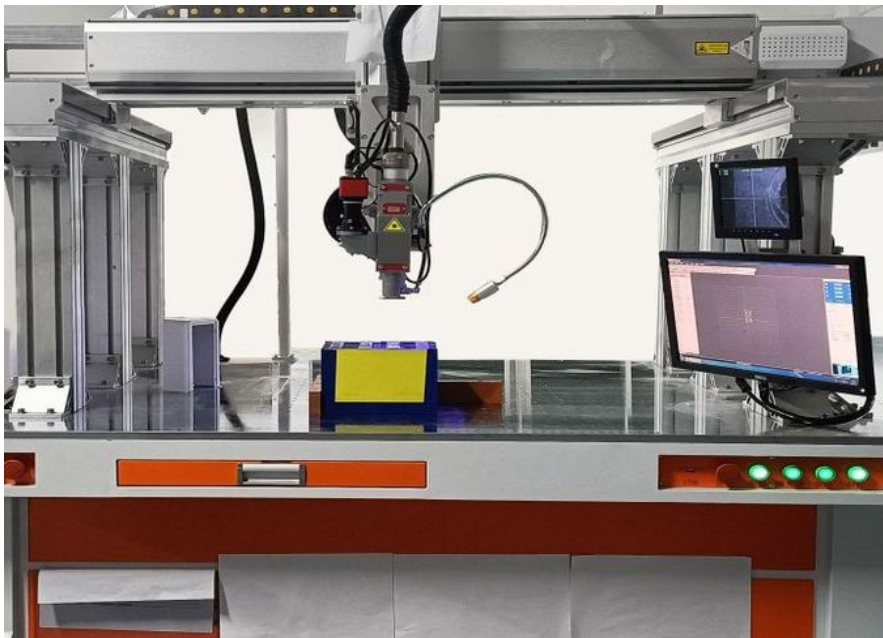
- 1.Lithium battery cell manufacturing, with different capacity.
- 2.Cylindrical Li ion battery cell (18650/ 26650/ 32650,38120, 14500) manufacturing.
- 3.Battery management system (BMS/PCM) design, production is done in-house.
- 4.Plastic tooling, injection is done in-house.
- 5.Battery packing is done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

OEM/ODM Service:

If you want to display your own brand logo in products, bags, labels or anywhere. Or you need to develop battery packs according to your product orientation. Our OEM and ODM services are ready to do it.

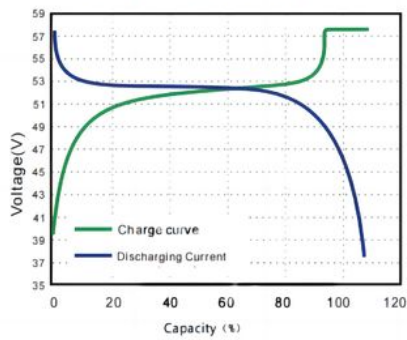
| Product Parameters | | |
|----------------------------|---------------------------------|--|
| Electrical characteristics | Nominal Volatage | 51.2V |
| | Nominal Capacity | 100A |
| | Energy Power | 5.12kwh |
| | DOD | 90% |
| | Cycle life | >6000 Cycles @ (80%DOD) |
| | Months Self Discharge | ≤3% per month at 25°C |
| Standard Charge | Charge Voltage Range | 44.0v~58.0V |
| | Charge Mode(CC/CV) | Constant current and constant voltage charging |
| | Rated Charge Current | 50A |
| | Max.Charge Curret | 100A |
| Standard Discharge | Discharge Current | 50A |
| | Max Continous Discharge Current | 100A |
| Enviromental | Charge Temperature | 0°C ~45°C |
| | Discharge Temperature | Minus 20°C ~ 50°C |
| | Water Dust Resistance | IP20/Indoor application |
| Mechanical | Cell Shape | Square |
| | Plastic Case | Sheet Metal |
| | Dimension(H*W*T) | H650*W408*T160mm |
| | Weight | 51.85Kg |
| | Communication Protocol | Pylon/Deye/MUST/Growatt/Megarevo |
| | Warranty | 5~8Years |
| | HMI | LCD/Blue light |
| Cell Welding Method | Laser | |



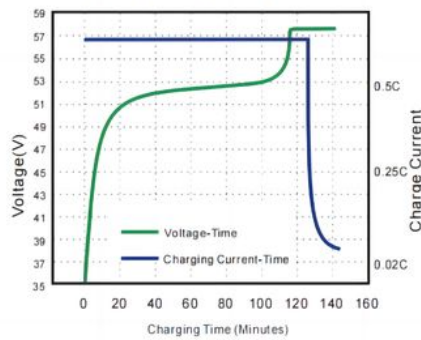


Charging and Discharge curve

● Charge and discharge curve @0.5C 25°C



● Charging Characteristics @0.5C 25°C







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.

FAQ:

Q1. Can I have a sample order?
 A. Yes, we welcome sample order to test and check quality.

Q2. Do you have any MOQ limit?
 A. Yes, we have MOQ for mass production, it depends on the different part numbers. 1~10pcs sample order is available. Low MOQ, 1pc for sample checking is available.

Q3. How to proceed with an order?
 A. Firstly let us know your requirements or application. Secondly, we quote according to your requirements or our suggestions. Thirdly customer confirms the samples and places a deposit for formal order. Fourthly we arrange the production.

Q4. Is it OK print my logo on the product?
 A. Yes. Please inform us formally before our production and confirm the design firstly based on our sample.

Q5. Which certificates do you have?
 A. We have CE/FCC/ROHS/UN38.3/MSDS ... etc.

Q6. How about warranty?
A. 2 years warranty. Enable to prolong.

Welocme to inquiry ,Thank you !!



Yongsheng Technology Co., Ltd.

 +86 13711839030

 admin@ysxny.ltd

 lithiumions-battery.com

7th Floor, Building 1, Wanfeng Technology Industry Center, Changping Town, Dongguan City, Guangdong Province, China