



## OEM ODM Home UPS Lithium Battery Off Grid 5.12KWH With Aluminum Case

### Our Product Introduction

for more products please visit us on [lithiumions-battery.com](http://lithiumions-battery.com)

#### Basic Information

- Place of Origin: China
- Certification: ISO 9001,UL,CE,MSDS,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/EVE/SANYO/Samsung/
- Voltage: 51.2V/Customized
- Capacity: 200AH/Customized(100AH,300AH,500AH...)
- Cell Material: Lithium Iron Phosphate Battery/Ternary/NIMH/NCM,etc
- Display Interface: LCD Display Or LED Lights
- Max.Discharge Current: 100A
- Connection Method: Quick Plug(If You Need To Install 2 Quick Plugs In Parallel)
- Month Self Discharge: ≤3% Per Month At 25°C
- Highlight: **OEM UPS Lithium Battery, ODM UPS Lithium Battery, 5.12KWH Home UPS Lithium Battery**



## Product Description

### OEM/ODM High Energy Density 5.12kwh BYD UPS Lithium Battery With Aluminum Case For off Grid Home Solar Storage Backup

#### Features:

Lithium Iron Phosphate battery's product safety system is quite perfect  
 No memory effect, it can be charged at any stage, economically and conveniently  
 Flexible packaging, laminated type, lean liquid, good safety  
 Powerful production capability and Short Lead Time.  
 Great Factory Price with Best Quality and After-Selling Service  
 Design Flexible ,Multiple Port Input  
 Environmental Friendly ,PassUL/CE/ROHS,etc.  
 Peak shaving and valley filling, solving peak power overload and low peak power supply, satisfying the stable power consumption of attached loads  
 Multi-mode communication function,Including RS485/RS232/CAN support remote control, IoT measurement and control  
 Built in Smart BMS/PCM

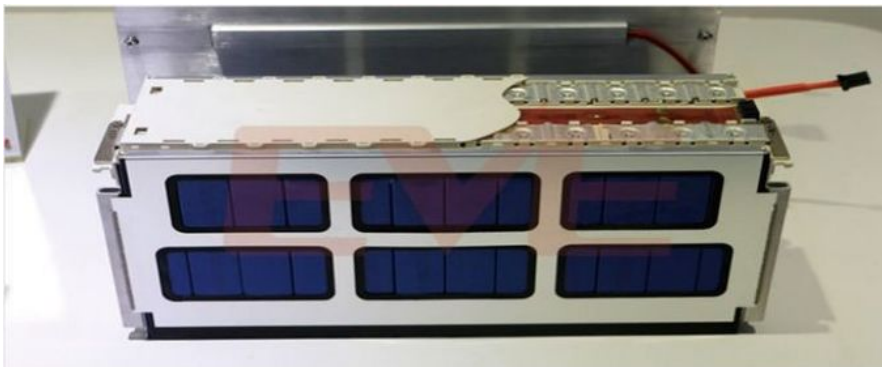
#### Application:

> Wind-Solar Energy Storage system > Solar street lights > Off-grid energy storage  
 > Household energy storage > Telecom backup system > Mobile base stations  
 > Emergency backup energy sources > Uninterruptible power system > Grid load shifters  
 > Electric Golf Car > Electric vehicles > Electric motorcycles  
 > Electric forklifts > Electric boats, etc...

#### 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	
Nominal Voltage	51.2V
Nominal Capacity	100A
Energy Power	5000W
Nominal Energy	5120WH
Cycle life	>6000 Cycles @ (80%DOD)
Month Self discharge	≤3% per month at 25°C
Charge Voltage Range	44.0v~58.0V
Charge Mode(CC/CV)	Constant Current and Constant Voltage Charging
Charge Current	50A
Max.Charge Current	100A
Discharge Current	50A
Max.Discharge Current	100A
Max.Continuous Charge Current	100A
Charge Temperature	0°C ~45°C
Discharge Temperature	-20°C ~ 50°C
Water Dust Resisitance	IP20/Indoor application
Cell Shape	Square
Plastic Case	Sheet Metal
Safety Device	Ordinary power switch or leakage switch
Display Interface	LCD Display Or LED lights
Connection Method	Quick Plug(If you need to install 2 quick plugs in parallel)
Communication	RS485/CAN2.0



High Voltage and High Current Aging



Automatic Spot Welding Equipment



Salty Spray Box



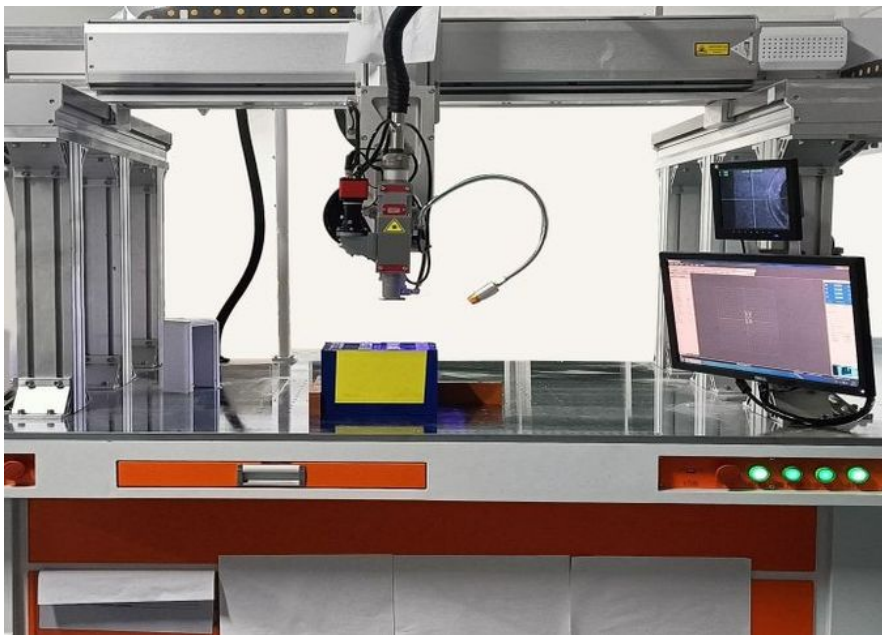
Vibration Equipment



Pack Testing Equipment



Cell Sorting Equipment



## PRODUCT APPLICATION



BANK



TELECOM



EMERGENCY LIGHT



SOLAR



MEDICAL EQUIPMENT



UPS



WIND POWER



ELECTRIC VEHICLE

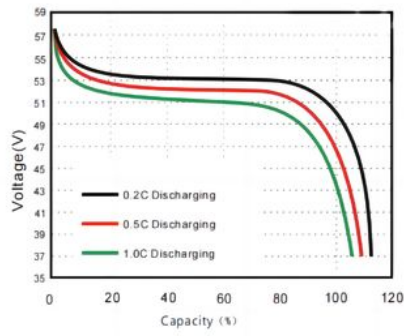
## OUR PROJECT



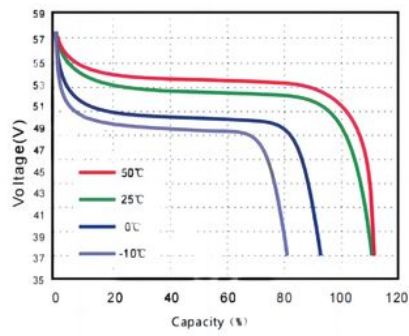


# Different current/Temperature Discharge curve

## ● Different Rate Discharge Curve @25℃



## ● Different Temperature Discharge Curve @0.5C





## 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: 30-45 days
- 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. 6 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