



## IP54 Small UPS Lithium Battery Backup Built In BMS For Solar Generator

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Certification: UN38.3, 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/EVE/SANYO/Samsung/
- Voltage: 51.2V/Customized(36V, 48V...)
- Cell Material: Lithium Iron Phosphate Battery/Ternary/NIMH/NCM, etc
- Charge Method: CC/CV
- Capacity: 50AH/Customized
- Energy Power: 2560W
- Max.Charging Current:  $\leq 50A$
- Discharging Cut-off Voltage: 33.6V
- Highlight: **IP54 UPS Lithium Battery ,  
BMS UPS Lithium Battery ,  
Solar Generator Small Lithium UPS**



## Product Description

### IP54 Enviromental Friendly High Quality UPS Lithium Battery Backup Built in BMS For Solar Generator

#### Features:

Off-grid and grid-connected with STS, can realize seamless connection switching  
 Peak shaving and valley filling, solving peak power overload and low peak power supply, satisfying the stable power consumption of attached loads  
 High Energy Density ,Each Battery Can be Fully Charging And Discharging  
 Easily Installation ,Maintenance Free  
 Intelligent BMS management, multiple security function protection, all-round protection  
 Outstanding Stable discharge characteristics.  
 Using lithium Iron Phosphate Battery ,Can be Customized Other Cell Material  
 Great Factory Price with Best Quality and After-Selling Service

**Application:**Family, hospital, office space,Solar/wind energy storage system,UPS, backup power,Telecommunication,Lighting,Bank/Home Storage Systems ,wind energy storage,Telecom baseation 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.

Specification	
Rated Capacity	51.2V
Rated Voltage	50AH
Series and Parallel	16S1P
Charging Voltage	57.6V
Standard Charging Current	10A
Standard Discharging Current	10A
Max.Charging Current	≤50A
Max.Discharging Current	≤50A
Max.Peak Current	150A/30S
Discharging Cut-off Voltage	33.6V
Storage Temperature	-20°C~55°C
Operating Temperature	Charging:0°C~55°C
	Discharging:-20°C~55°C
Humidity	10%~80%RH





High Voltage and High Current Aging



Automatic Spot Welding Equipment



Salty Spray Box



Vibration Equipment

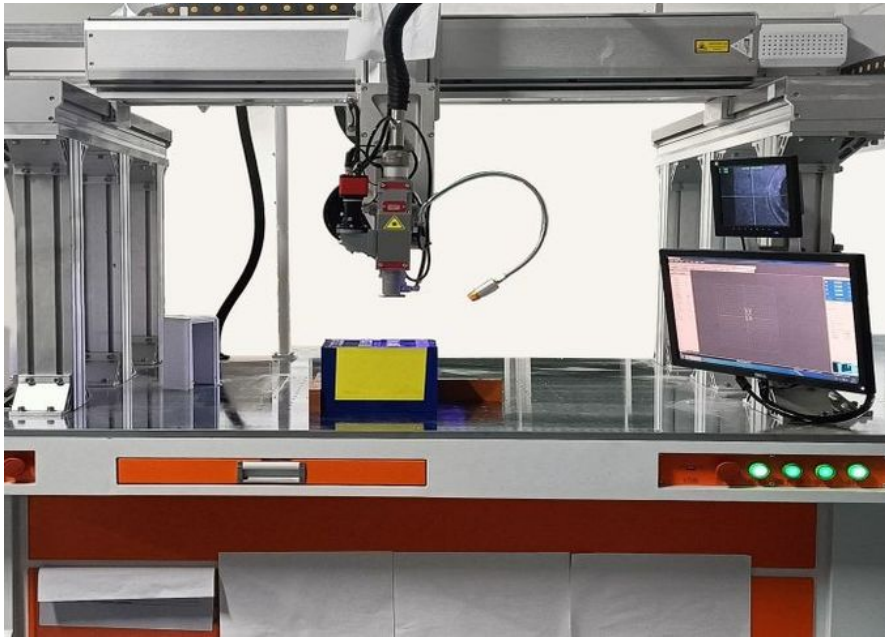


Pack Testing Equipment



Cell Sorting Equipment





## PRODUCT APPLICATION



BANK



TELECOM



EMERGENCY LIGHT



SOLAR



MEDICAL EQUIPMENT



UPS



WIND POWER



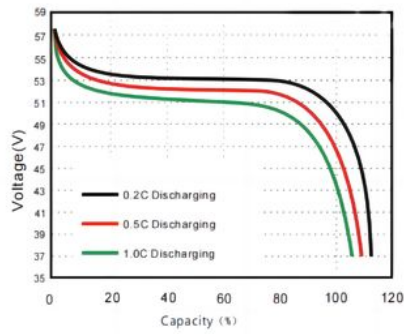
ELECTRIC VEHICLE

## OUR PROJECT

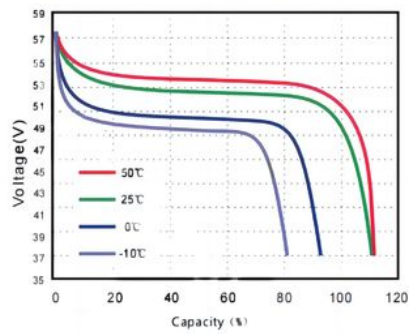


# Different current/Temperature Discharge curve

● 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. 5 years warranty. Enable to prolong.

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



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