

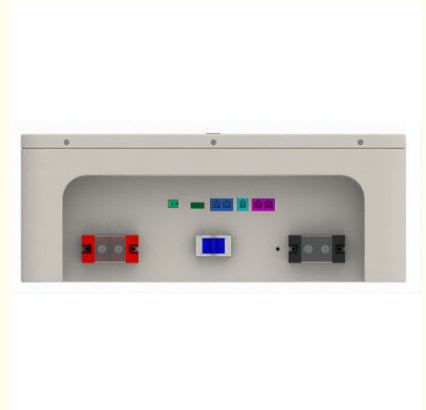


## ROHS Lithium Ion Battery Grid Storage , 51.2V 100AH Bluetooth CATL Battery Storage

Our Product Introduction

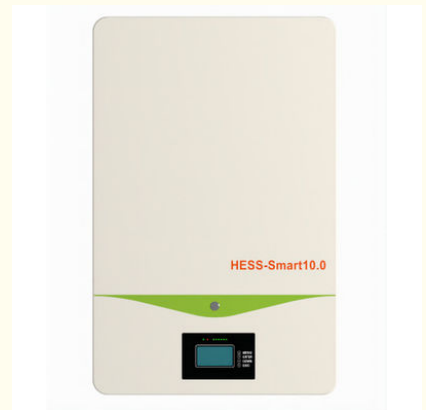
### Basic Information

- Place of Origin: China
- Certification: CE,UL2054,PSE UN38.3 ,KC ,ROHS ,IEC62133 ,Reach IEC62619, UL1973
- 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/Sumsung/
- Voltage: 51.2V/Customized
- Capacity: 100AH/Customized
- Cell Material: Lithium Iron Phosphate Battery/Ternary/NIMH/NCM,etc
- OEM/ODM: Acceptable
- IP Grade: IP20
- Weight: 51.5Kg
- Charge Method: CC/CV
- Highlight: **ROHS Lithium Ion Battery Grid Storage, 51.2V Lithium Ion Battery Grid Storage, Bluetooth CATL Battery Storage**



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

## Product Description

### ROHS/CE Approved Great Power 51.2V 100AH CATL Ternary Cell With Bluetooth For On Grid Home Solar Backup Systems

#### Quick Details:

Different capacity and Voltage battery cells for options.  
 High Output power ,Each Battery Cell Can be Fully Charging and Discharging  
 Longer Cycle Life Time ,More than 5000 Cycle Times  
 Using Industrial Grade Lithium Battery  
 Low Internal Resistance, No memory Effect  
 Enviromental Friendly ,Pass CE/ROHS/MSDS,etc  
 Low Self-Discharge Rate ,Less than 3% monthly  
 Original replacement battery,Perfect match with original battey  
 Portable and Simple Installation

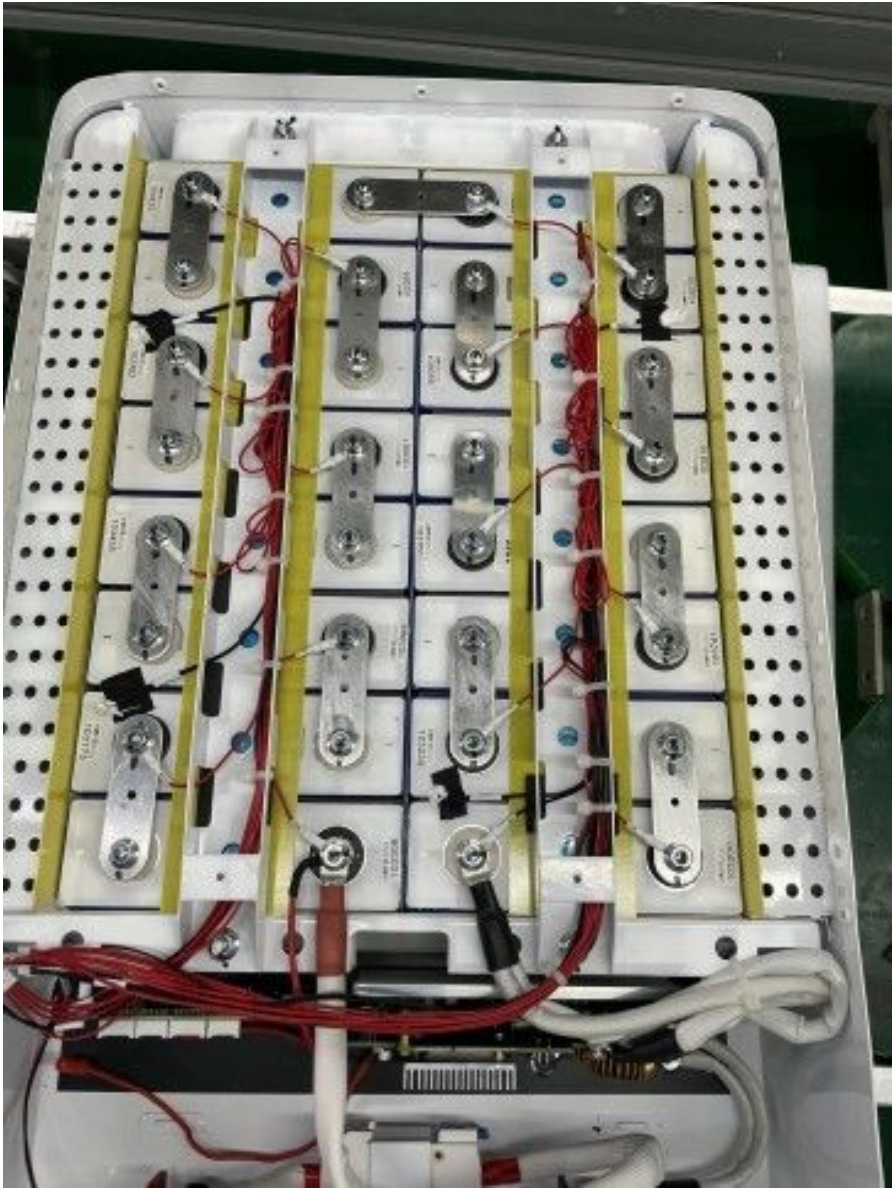
#### Application:

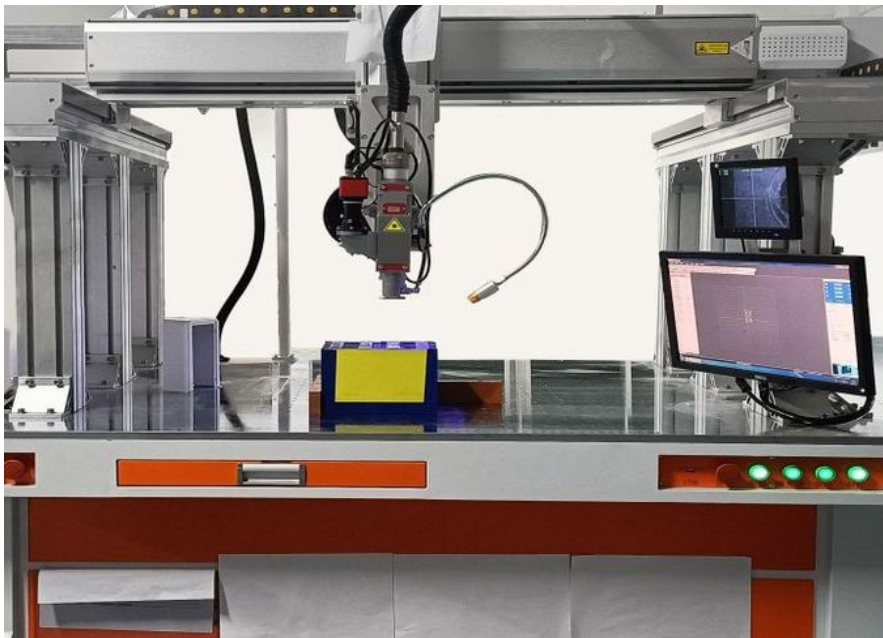
- 1.Light: headlamp, emergency light, solar flashlight, searchlight, lantern, bicycle light, LED light, military flashlight, high-end flashlight, high power flashlight, bright flashlight.
- 2.Outdoor sports products: camping light, mountain bike light, smart emergency light, self-defense flashlight,
- 3.Customer electronics: MPS, Tablet PC, laptop, Bluetooth earphone, power bank, portable DVD player, speaker, microphone, sound equipment, audio, Digital camera.
- 4.Home appliances products: electric mop, electric vacuum cleaner, electric children toys, electric shoes, electric blanket.
- 5.Medical devices

#### 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.

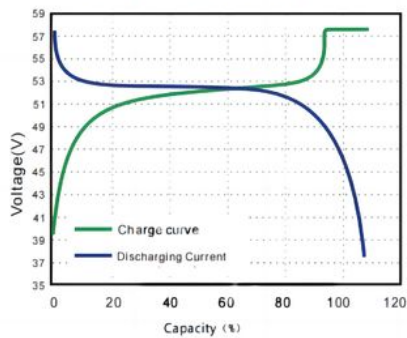
Battery Data	
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Nominal Energy	5.12kWh
Voltage window	44.0~58.0V
Cell Brand	EVE, A grade
Rated. Charge Current	50A
Max. Continuous Charge Current	100A
Rated. Discharge Current	50A
Max. Continuous Discharge Current	100A
Max. Discharge DC Power	5000W
Operating temperature	0°C ~ 45°C (Charge) -20°C ~ 50°C(Discharge)
General Data	
DOD	90%
Communication	CAN2.0 / RS485/RS232
Cycle Life	>6000(80Ah@25°C,0.5C,90%DOD)
IP Grade	IP20/ Indoor application
Installation	Wall mount
Dimension	H650×W408×T160mm
Weight	51.5kg
Warranty	5 Years
HMI	LCD/Blue light
Maximum parallel number	/
Communication protocol	Deye/SOFAR/MUST/Growatt/Megarevo/KEHUA



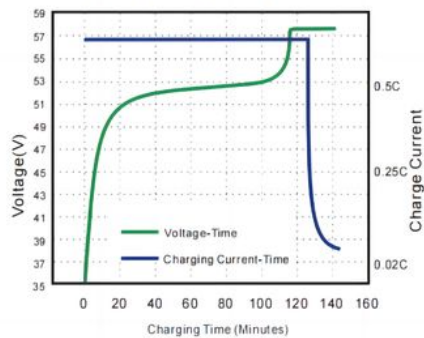


### Charging and Discharge curve

● 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 !!**



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