



Practical IP20 Off Grid Solar Battery , Multipurpose Lithium LFP Battery

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/EVE/SANYO/Samsung/
- Voltage: 51.2V/Customized
- Capacity: 100AH/Customized(150A,200A,300A...)
- Cell Material: Lithium Iron Phosphate Battery/Ternary/NIMH/NCM,etc
- Communication Protocol: RS485/CAN/RS232
- Connection Method: Quick Plug
- Safety Device: Ordinary Power Switch Or Leakage Switch
- Max.Charge Current: 100A
- Highlight: **Practical Off Grid Solar Battery, IP20 Off Grid Solar Battery, Multipurpose Lithium LFP Battery**



Product Description

IP20 High Capacity Super Long Life Span LFP Battery With Sheet Metal Case For Off-Grid Solar&Wind Energy Storage Systems

Quick Details:

Data monitoring during the whole life of battery pack

Using High Quality Lithium Ion Battery

OEM/ODM are Acceptables

High Energy Densiy ,High Discharg Rate, High Performance

Low Internanl Resistance,Good Consistance

Enviromental Friendly ,Pass CE/UL/ROHS ,etc

Great Factory Price with Best Quality and After-Selling Service

Portable and Simple Installation

Specially designed battery used in high or low temperature.

BMS&PCM function: Over-charge protection, Over-Discharge protection, Over-current protection, Short Circuit protection, High

Temperature protection, Balance Charge/Discharge protection, Communication protocol function, Battery Power

indicator.Easily Installation,Maintenance Free

Dustproof and Rain Proof Power Plug for Harsh Enviroment

Application: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 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.

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
Saftey 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





Electric Boat



Solar System



Monitor



Telecom



Camper Car



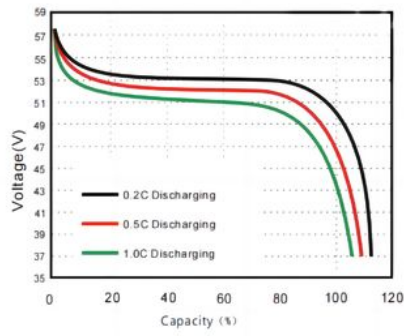
UPS System



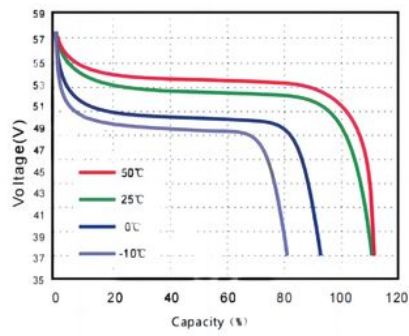
Electric bike / motorcycle / golf cart / scooter / tricycle

Different current/Temperature Discharge curve

● Different Rate Discharge Curve @25℃



● Different Temperature Discharge Curve @0.5C



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

Welocme to inquiry ,Thank you !!



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