

Longer Lifetime & Deep Cycle: Lithium iron phosphate battery compared with the 200-500 cycles of lead-acid, The service life ratio is long, the weight is light and the number of cycles is up to 6000 times, our lifepo4 battery for home energy storage photovoltaic system used A+ cells, the battery delivers 1280Wh and can endure up to 6000 cycles.(6000 cycles @80% DOD).

BMS Protection: Our 100Ah lifepo4 battery is built in Reliable BMS Protection. This intelligent design ensures optimal safety and better heat dissipation function to protect battery cells which can prevent the LifePO4 battery from the most common issues causing of battery failures, such as overcharge, over-discharge, over-current, short circuit and high temperature. It also has obtained SDS/UN38.3/CE certifications, ensuring its quality and safety.

Dilatation: 12V LiFePO4 battery 100Ah could connect in parallel & in series for larger capacity. Allow being extended up to 4S or 16P.

Use: Powerful energy expansion system could be widely used for home storage system (avoiding the effects of power outages), off-grid system, RV, Trolling Motor, Boat, Marine, trailer, and outdoor activities.



6000 Cycle Life

Deep Cycle Rechargeable LiFePo4 Battery Pack

MEGMEET

12.8V 100Ah

**LITHIUM IRON
PHOSPHATE BATTERY**

Cautions:

DO NOT Short circuit
DO NOT Reverse connections from charger to battery
DO NOT Disassemble
DO NOT Heat above 70°C
DO NOT Immerse the battery in water or allow it to get wet
DO NOT Use battery in the strong electrostatic and magnetic field
Charge with specified charge according to charging requirement

CE RoHS

MADE IN CHINA



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Built-in BMS Protection



Overcharge
protection



Overdischarge
protection



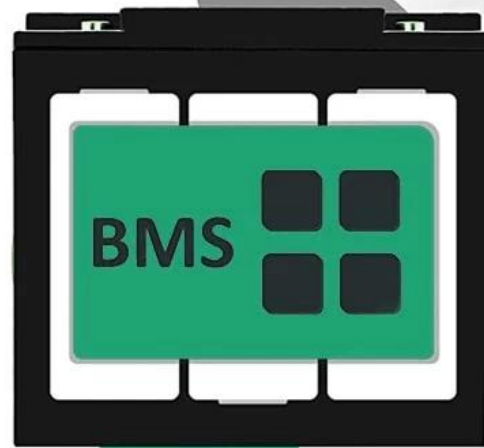
Overcurrent
protection



Short circuit
protection



Cell voltage
self balance



BMS PROTECTION

BUILT-SMART BMS



Overcharge
Protection



Over discharge
Protection



Short Circuit
Protection



High/Low
Temp Protection

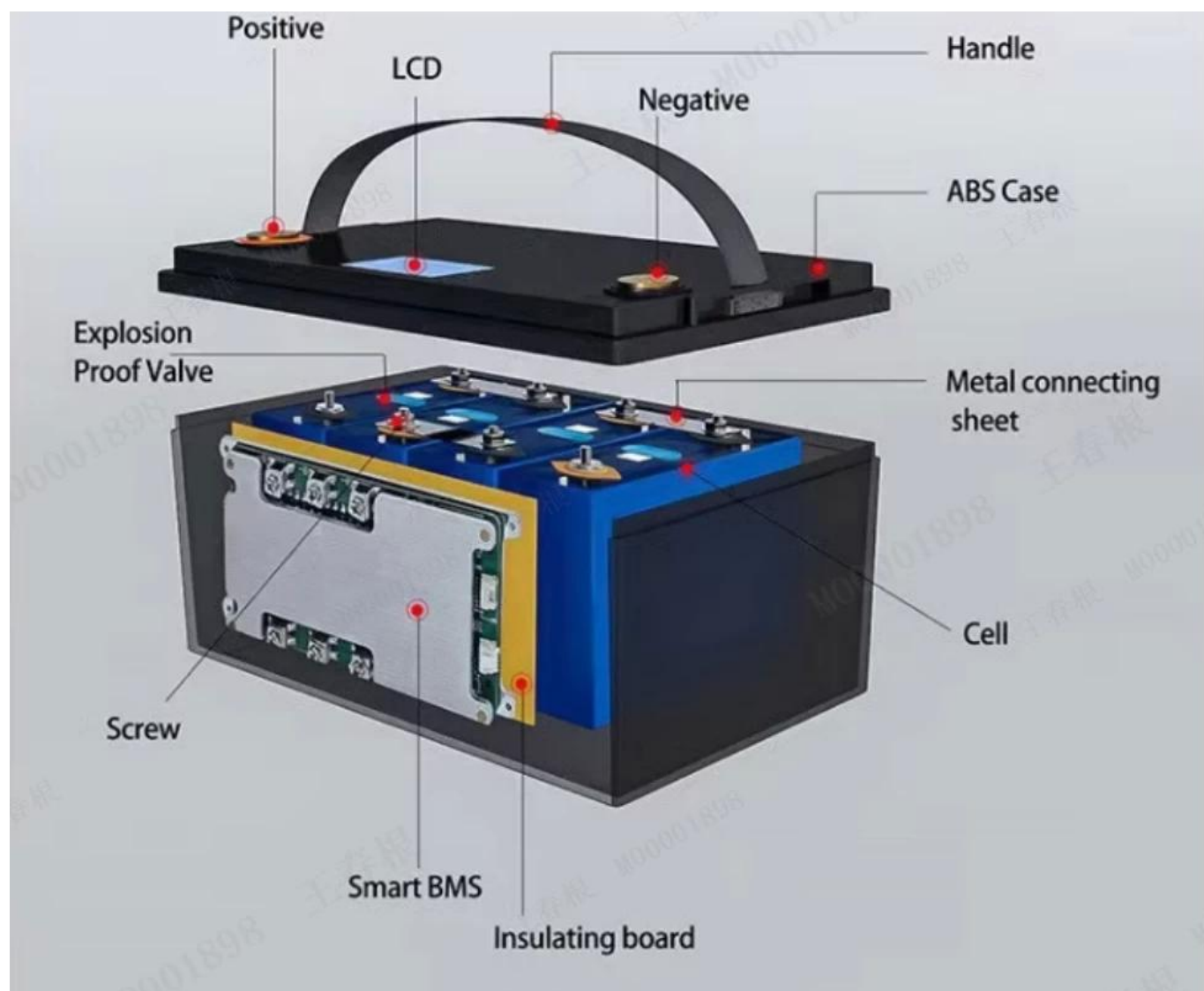


Overcurrent
Protection



Equalizing
Voltage

BMS



PACKAGING & SHIPPING





Home energy storage



Home energy storage



Agricultural energy storage



PV/Solar panels



Outdoor/RV electricity



Yacht/Boat electricity



Industrial energy storage



Communication base station



Utility grid/Ups systems/

We provide one-stop purchasing service

We (Qishou) provide one-line one-to-one guidance



Product Technical Specification Parameters

Items	Parameters	Noted
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Performance	Battery Voltage	12.8V	4S
	Battery Capacity	100Ah	0.5C
	Charging Cut-Off Voltage	14.6V	Single Cell 3.65V
	Discharging Cut-Off Voltage	10V	Single Cell 2.5V-Adjustable
	Charging Current	100A	Maximum Current-200A
	Discharging Current	100A	Continuous Working Current
	Internal Resistance	≤25mΩ	
Protections	Over -Charging Voltage Protection	14.6V	Settable
	Over-Discharging Voltage Protection	10V	Settable
	Charging Over-Current Protection	100A	Settable
	Short Circuit Protection	YES	Remove load or charging can be lifted
	BMS Temperature Protection	-25℃~70℃	Electricity and ambient temperature protection
Use Environment	Working Temperature	-10℃~60℃	
	Storage And Shipping Temperature	-20℃~55℃	
	Relative Humidity	95%	
	Atmospheric Pressure	70kPa-106kPa	
Dimensions	Weight	10Kg	Net weight
	Weight	11±0.3% Kg	Gross Weight
	Size	522x238x222±3mm	Product Size
	Size	595x312x297±3mm	Out packing size