

**Longer Lifetime & Deep Cycle:** 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 2560Wh and can endure up to 6000 cycles.(6000 cycles @80% DOD).

**BMS Protection:** Our 200Ah 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.

**Connect for Larger Capacity:** 12V LiFePO4 battery 200Ah 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

**12.8V 200Ah**

**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  
DO NOT Use battery in the strong vibration and impact  
Charge with specified charge according to charging requirement

CE RoHS  
MADE IN CHINA

# Built-in BMS Protection



Overcharge  
protection



Overdischarge  
protection



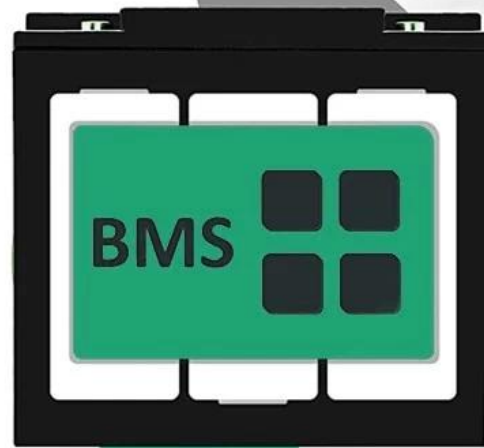
Overcurrent  
protection



Short circuit  
protection



Cell voltage  
self balance



# BMS PROTECTION

# BUILT-SMART BMS



Overcharge  
Protection



Over discharge  
Protection



Short Circuit  
Protection



High/Low  
Temp Protection



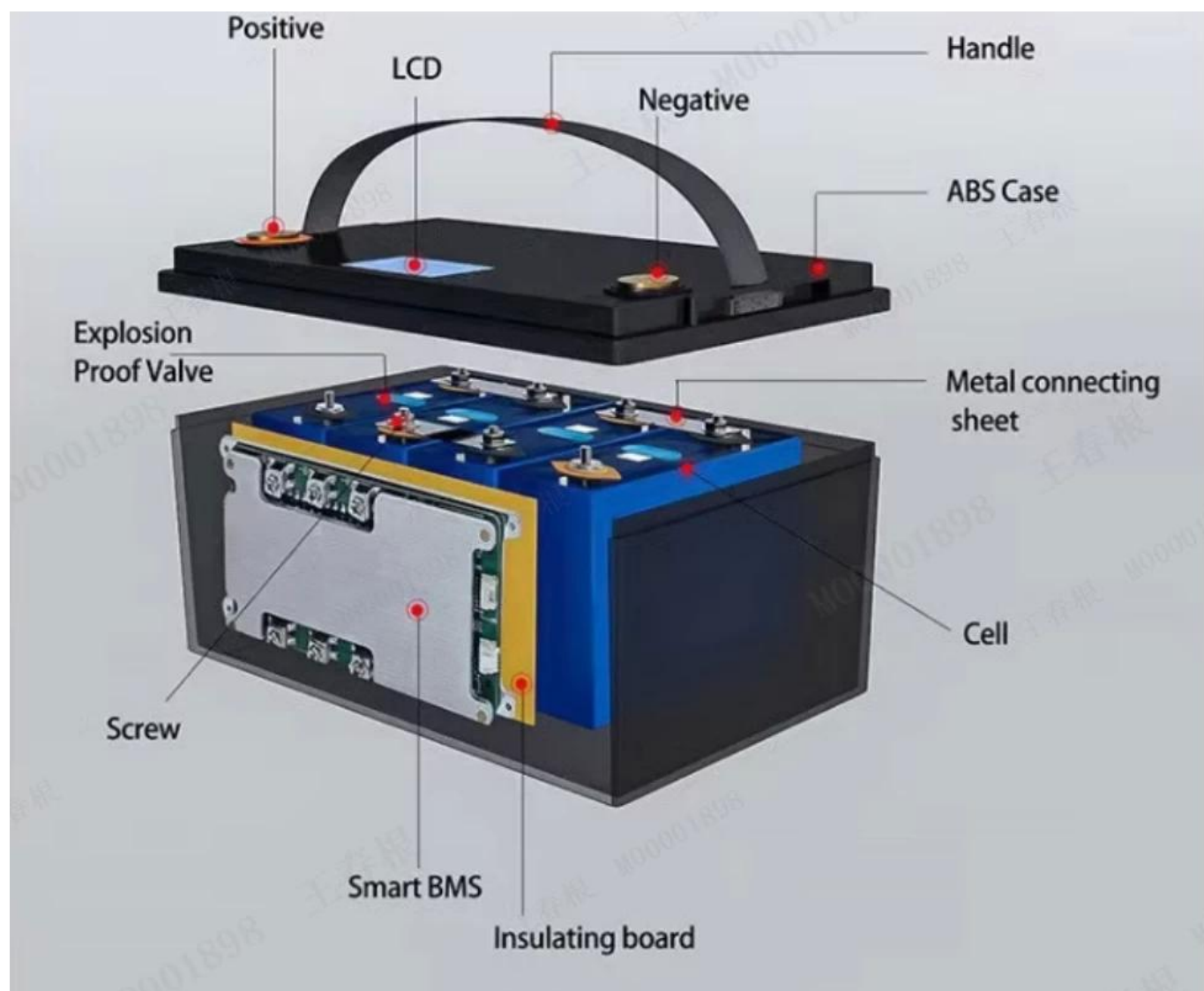
Overcurrent  
Protection



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
Performance	Battery Voltage	12.8V	4S
	Battery Capacity	200Ah	0.5C
	Charging Cut-Off Voltage	14.6V	Single Cell 3.65V
	Discharging Cut-Off Voltage	10V	Single Cell 2.5V-Adjustable
	Charging Current	200A	Maximum Current-200A
	Discharging Current	200A	Continuous Working Current
	Internal Resistance	≤25mΩ	
Protections	Over -Charging Voltage Protection	14.6V	Settable
	Over-Discharging Voltage Protection	10V	Settable
	Charging Over-Current Protection	200A	Settable
	Short Circuit Protection	YES	Remove load or charging can be lifted
	BMS Temperature Protection	-25°C~70°C	Electricity and ambient temperature protection
Use Environment	Working Temperature	-10°C~60°C	
	Storage And Shipping Temperature	-20°C~55°C	
	Relative Humidity	95%	
	Atmospheric Pressure	70kPa-106kPa	
Dimensions	Weight	19Kg	Net weight
	Weight	21±0.3% Kg	Gross Weight
	Size	522x238x222±3mm	Product Size
	Size	595x312x297±3mm	Out packing size