

Longer Lifetime: 300ah 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 300Ah 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.

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: 300Ah 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.









Built-in BMS Protection



Overcharge
protection



Overdischarge
protection



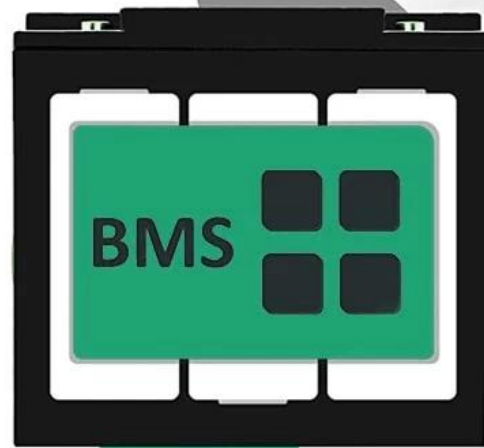
Overcurrent
protection



Short circuit
protection



Cell voltage
self balance



BMS PROTECTION

BUILT-SMART BMS



Overcharge
Protection



Over discharge
Protection



Short Circuit
Protection



High/Low
Temp Protection

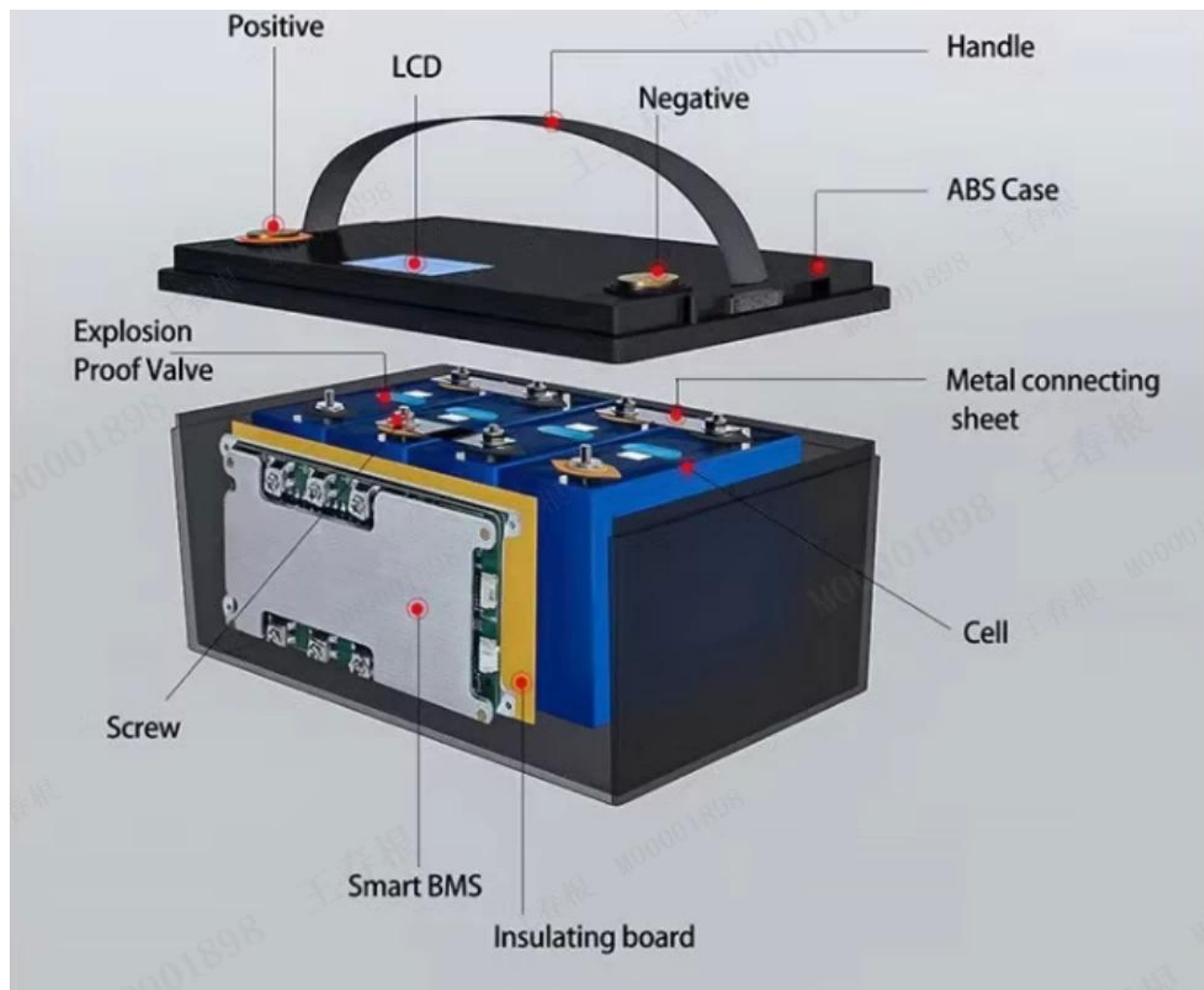


Overcurrent
Protection



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	300Ah	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	14.6.V	Settable
	Over-Discharging Voltage Protection	20V	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	27.5Kg	Net weight
	Weight	28.8±0.3% Kg	Gross Weight
	Size	522x268x202±3mm	Product SIze
	Size	594x340x278±3mm	out packing size