

**Grade A battery Cell:** Megmeet 51.2V 200Ah LiFePO4 Battery Manufactured with automotive grade battery cells. High quality battery cells make LiFePO4 battery to provides 6000+deep cycles and up to 15- year life time.

**Intelligent BMS:** megmeet 51.2V 200Ah Battery's Battery Management System can manage and monitor cells information including voltage, current and temperature, protects it from overcharge, deep discharge, overloading, overheating and short circuit, help to extend lifetime.

**Compatible:** CAN/RS485/RS232 Communication Protocol Lithium Ion Battery can be compatible with most inverters in the market, such as Growatt, Deye, SunGoldPower, Luxpower, Victron energy, Schneider, Phocos, SMK and so on.













## Multiple Protection Smart BMS For Safe Operation



- Overcharge protection function
- Over current protection function
- Temperature protection function

- Overdischarge protection function
- Short circuit protection function
- Cell balance function

# Built-in BMS Protection



Overcharge  
protection



Overdischarge  
protection



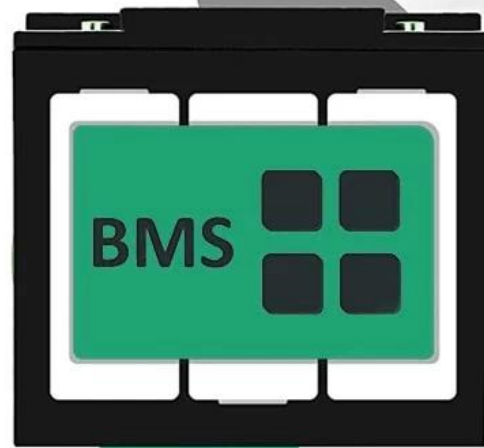
Overcurrent  
protection



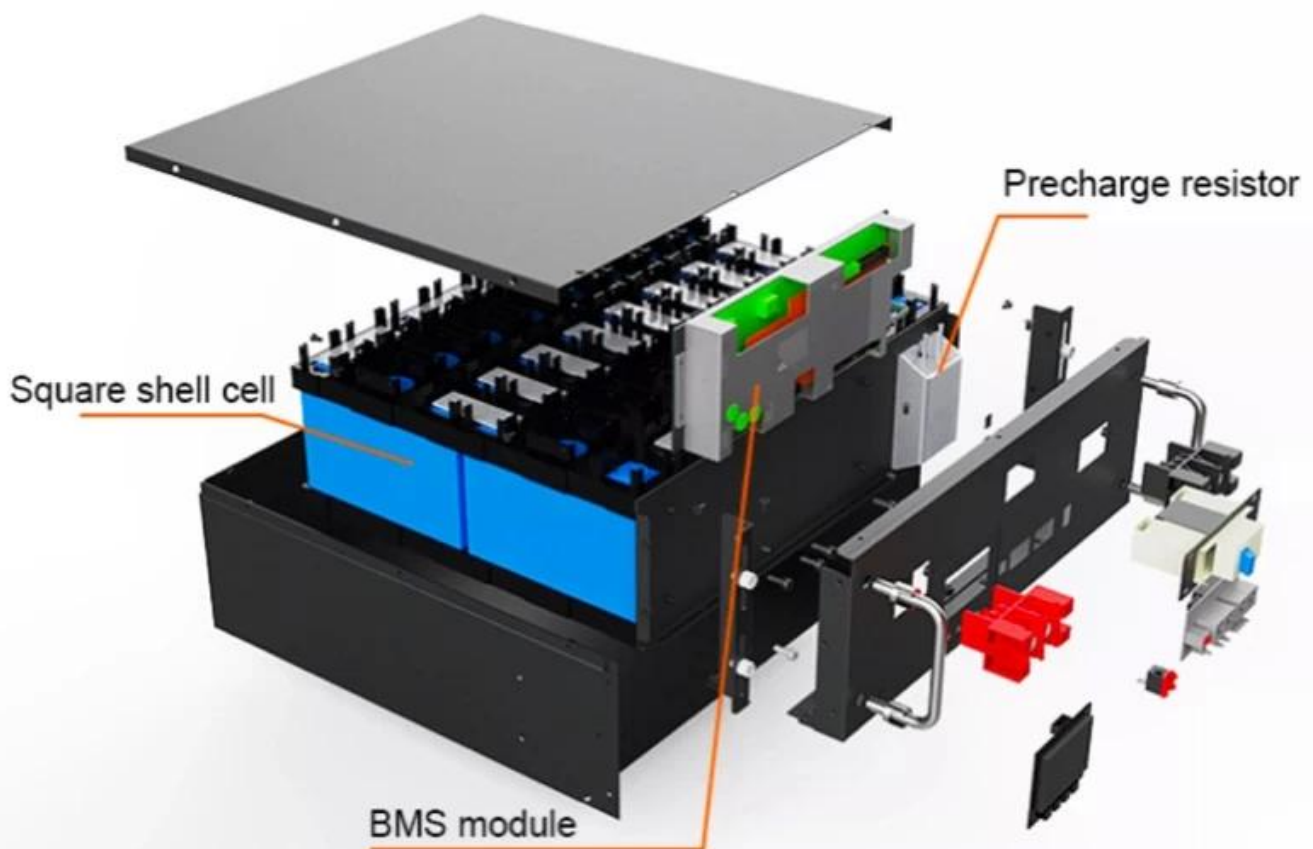
Short circuit  
protection



Cell voltage  
self balance



# BMS PROTECTION



# LiFePO4 Battery Module



# BUILT-SMART BMS



Overcharge  
Protection



Over discharge  
Protection



Short Circuit  
Protection



High/Low  
Temp Protection



Overcurrent  
Protection



Equalizing  
Voltage

**BMS**



## Product Technical Specification Parameters

	Items	Parameters	Noted
Performance	Battery Voltage	51.2V	16S
	Battery Capacity	200Ah	0.5C
	Charging Cut-Off Voltage	58.4V	Single Cell 3.65V
	Discharging Cut-Off Voltage	40V	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	58.4V	Settable
	Over-Discharging Voltage Protection	40V	Settable
	Charging Over-Current Protection	100A	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℃~60℃	
	Storage And Shipping Temperature	-20℃~55℃	
	Relative Humidity	95%	
	Atmospheric Pressure	70kPa-106kPa	
Dimensions	Weight	79±3%Kg	Net weight
	Weight	94±3% Kg	Gross Weight
	Size	483x600x266±3mm	Not including Install a baffle
	Size	705x590x485±3mm	out packing size