



# Plastic Shell Lithium Energy Storage Battery



## Product introduction

The lithium energy storage battery use long working life LiFePO4 battery, and high performance BMS to protect and manage the battery system, it has wider usage and longer life than traditional battery.

## Product features

- ※ High power, friendly interface, free combination
- ※ High quality battery cell, precise combination
- ※ BMS customization supported
- ※ IP67

## Application area

- ※ Energy storage system, control system, alarm system, power system, database
- ※ Emergency lighting system, emergency power supply, UPS
- ※ Telecommunication, communication, fire fighting system

## BMS Protection



Over Current



Over Voltage



High Temperature



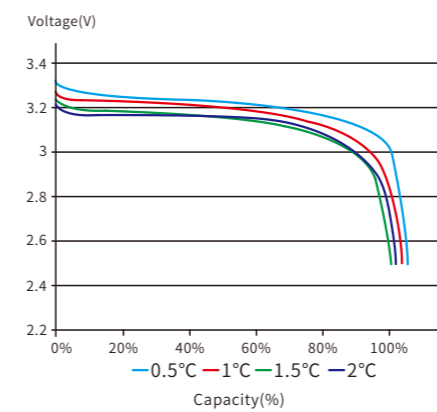
Low Voltage



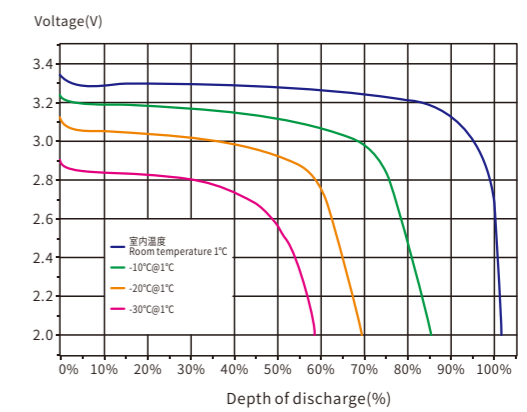
Short Circuit

## Performance curve

(@Different rates)



Typical discharge characteristics at different temperatures



\* The curves may be different according to specific customer requirement

## Products Specification

Capacity	12V12AH	12V30AH	12V50AH	12V100AH	12V130AH	12V200AH	24V100AH	48V100AH
Continuous Discharge Current	8A	15A	25A	50A	65A	100A	50A	50A
Peak Protection Current	16A	30A	50A	100A	130A	200A	100A	100A
Working Voltage	10-14.6V	10-14.6V	10-14.6V	10-14.6V	10-14.6V	10-14.6V	20-29.2V	37.5-54.75V
Standard Voltage	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V	25.6V	48V
Continuous Work Current	8A	15A	25A	50A	65A	100A	50A	50A
Max Charging Voltage	14.6V	14.6V	14.6V	14.6V	14.6V	14.6V	29.2V	54.75V
Suggested DOD Model	80%	80%	80%	80%	80%	80%	80%	80%
Size(mm)	151*99*94	195*133*171	229*138*208	256*165*210	330*172*215	521*238*218	345*190*245	520*267*220
Weight	1.5kg	3.2kg	4.5kg	10kg	13kg	19kg	22kg	33kg
Humidity	≤85%							
Cooling Type	Natural Cooling							
IP Rating	IP67							
Warranty	5 years							

## Product dimensions

