



Product introduction

The SBT 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



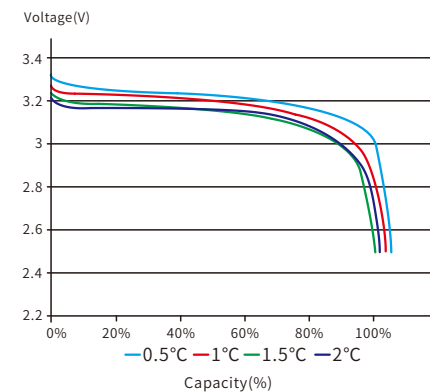
Low Voltage



Short Circuit

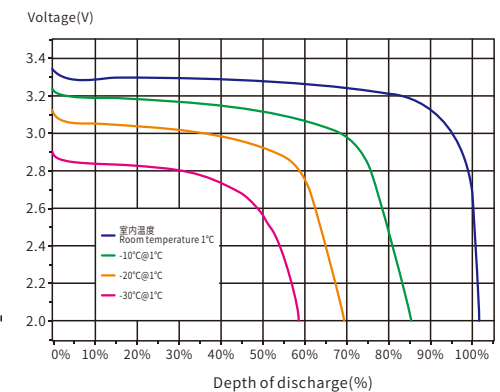
Performance curve

(@Different rates)



* The curves maybe different according to specific customer requirement

Typical discharge characteristics at different temperatures



Products Specification

Model	SBT-1212	SBT-3012	SBT-5012	SBT-10012	SBT-13012	SBT-20012	SBT-10024	SBT-10048
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	10 years							

Product dimensions

