

SBT Plastic LFP Energy Storage Battery

12.8V/25.6V
100Ah/150Ah/200Ah/300Ah/400Ah

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BMS protection
- 
Small volume/
light weight
- 
Home
energy storage
- 
Intelligent
communication/
Optional



Product Introduction

SBT Plastic LFP 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

- 1 LiFePO4 cell class A
- 2 50A/100A/150A/200A BMS for charge/discharge
- 3 6000 cycle times@DoD80%
- 4 IP67 design
- 5 BT is optional
- 6 With series/parallel function
- 7 LCD display is optional

Application Area

- ※ Energy storage system, control system, alarm system, power system, database
- ※ Emergency lighting system, emergency power supply, UPS
- ※ Telecommunications, communication, and fire protection

Product Parameters

Model	SBT-12.8100	SBT-12.8150	SBT-12.8200	SBT-12.8300	SBT-12.8400	SBT-25.6100	SBT-25.6200
Standard voltage	12.8V	12.8V	12.8V	12.8V	12.8V	25.6V	25.6V
Standard capacity	100Ah	150Ah	200Ah	300Ah	400Ah	100Ah	200Ah
Standard energy	1.28kWh	1.92kWh	2.56kWh	3.84kWh	5.12kWh	2.56kWh	5.12kWh
Working voltage	10-14.6V	10-14.6V	10-14.6V	10-14.6V	10-14.6V	20-29.2V	20-29.2V
Standard charging current	50A	50A	50A	100A	100A	50A	50A
Standard discharging current	100A	100A	100A	200A	200A	100A	100A
Suggested DOD	80%						
Cycle life	>6000 cycles						
IP Rating	Ip67						
Operating temperature for discharge	-20°C-60°C						
Operating temperature for charge	0°C-45°C						
Communication	BT optional						
Display	LCD display optional						
Warranty	5 years						
Certificate	UN38.3/MSDS/CE/ROHS/FCC						
NW. (kg)	10.3	15	20.1	30	38	20.6	38
GW.(kg)	15.3	20	25.1	35	43	25.6	43
Product size (mm)	330*172*216	330*172*216	345*190*245	520*267*220	520*267*220	345*190*245	520*267*220
Package size(mm)	372*217*269	372*217*269	397*232*293	567*309*272	567*309*272	397*232*293	567*309*272