



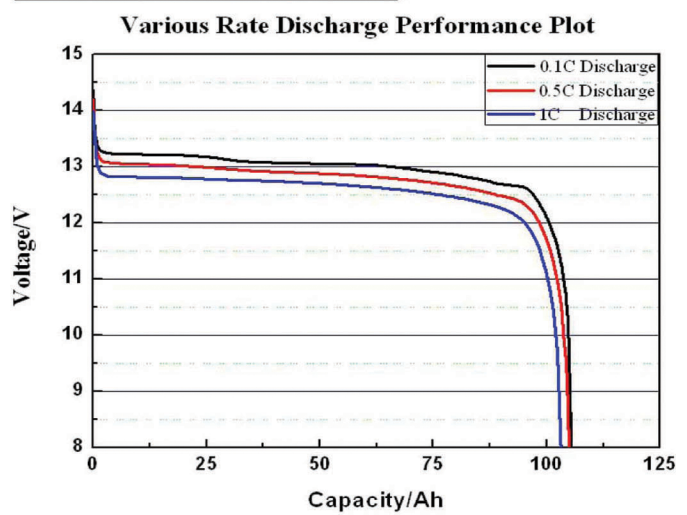
**SMART BATTERY**  
LITHIUM ION TECHNOLOGY

# 12V 80AH Lithium Ion Battery



## SB80 DATA SHEET

### Discharge Curves 25°C (77°F)



### Cycle life

Capacity at different cycles(%)	100 cycles	102
	500 cycles	96.3
	1000 cycles	90.8
	1500 cycles	85.4
	2000 cycles	80.1
Max.Charge Voltage		14.6 V
Cut-off Voltage		8 V

**Amp Hours: 80AH**  
**Voltage: 12.8V Nominal**  
**Cold Cranking Amps: 800**  
**Life Expectancy: 3000 - 5000 Cycles**  
**LiFePo4 - SAFE BATTERY**

**Weight: 28 Lbs.**  
**Group Size 27**  
**Minutes @ 20A 240**  
**Efficiency: 99%**  
**No Memory**

**Zero Maintenance**  
**Max Continuous Charge or Discharge 100A**  
**Operating Temp. - 4 F + 158 F**  
**Auto Low Voltage Cutoff 8V**  
**Auto Over Voltage Cutoff 16V**



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