



6.77 in.
172 mm

12.13 in.
308 mm

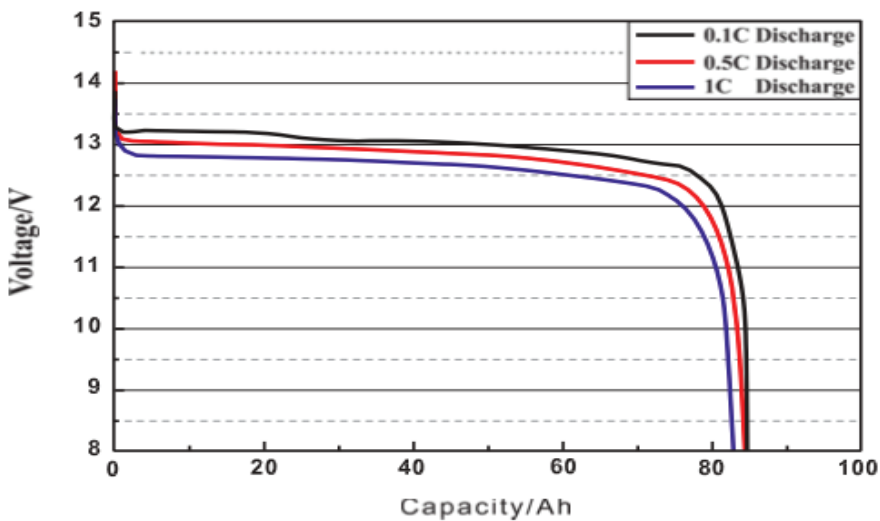
8.7 in.
221 mm

CYCLE LIFE

CAPACITY AT DIFFERENT CYCLES (%)

100 cycles	99.7
500 cycles	96.3
1000 cycles	90.8
1500 cycles	85.4
2000 cycles	80.1

12V 80AH LITHIUM ION BATTERY



Amp Hours: 80AH

Voltage: 12.8V Nominal

Peak Amps: 800

Life Expectancy: 3000-5000 Cycles

LiFePo4 - Safe Battery

Weight: 25lbs. / 11.34kg

Efficiency: 99%

Minutes at 20A: 240

Memory: None

Max Continuous Charge: 1C = 80A

Max Continuous Discharge: 100A

Operating Temperature: -4 + 158 F / -20 + 70 C

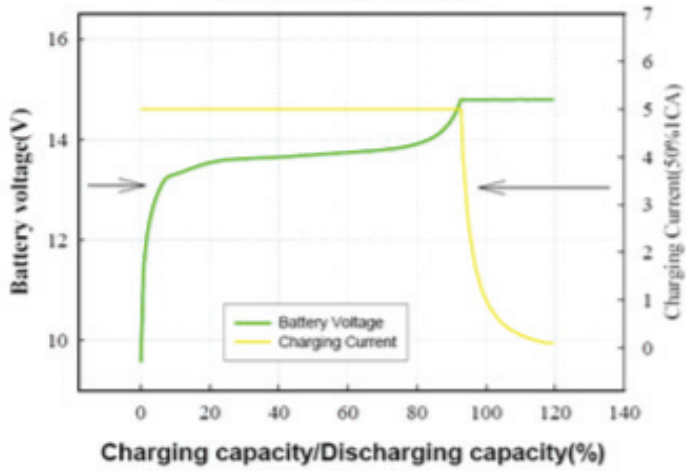
Auto Low Voltage Cutoff: 8V - 10V

Auto Over Voltage Cutoff: 15.8V

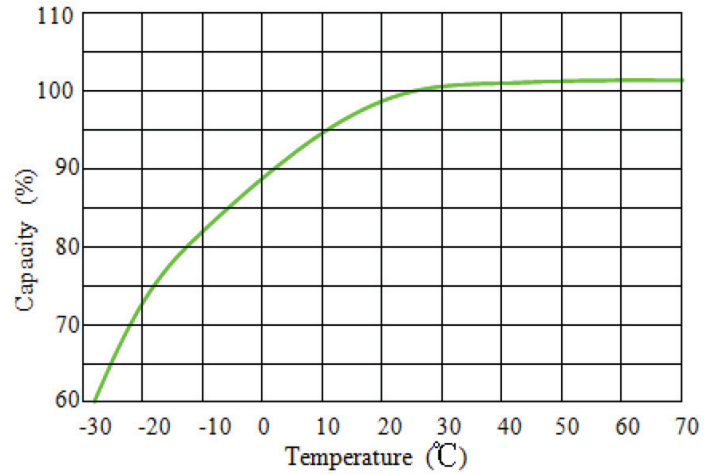
Charge Voltage: CC/CV 14.6V / Float 13.8V

Capacity at different cycles at 100% DOD

constant voltage charging characteristic
(0.5CA, 25Celsius scale)



Temperature effects on capacity at 0.2C



Cycle life with DOD at 25°C, 0.2C

