



10.5 in.
266.7 mm

19.3 in.
490.22 mm

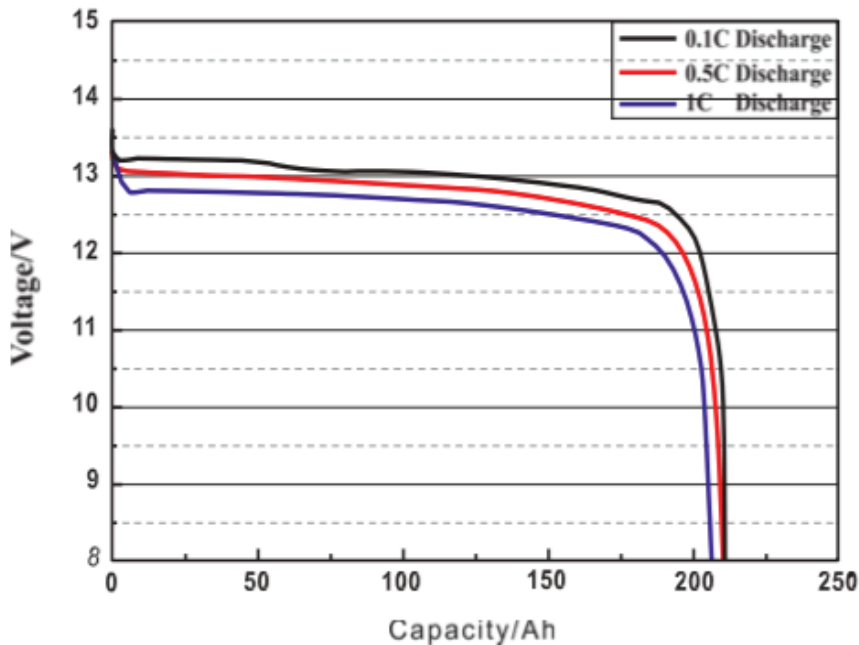
9.0 in.
228.6 mm

CYCLE LIFE

CAPACITY AT DIFFERENT CYCLES AT 100% DOD

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

12V 150AH LITHIUM ION BATTERY



Amp Hours: 150AH

Voltage: 12.8V Nominal

Peak Amps: 1500

Life Expectancy: 3000-5000 Cycles

Weight (Battery Only): 65lbs. / 29.48kg

Efficiency: 99%

Minutes at 20A: 450

Max Continuous Charge: 1C = 100A

Max Continuous Discharge: .66C = 100A

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

Auto Low Voltage Cutoff: 8V

Auto Over Voltage Cutoff: 16V

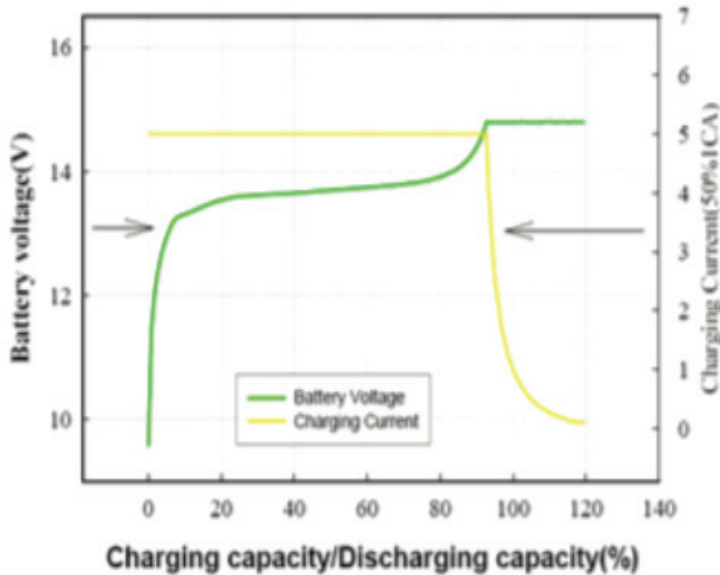
Charge Voltage: CC/CV 14.6V / Float 13.8V

Max Series Connection: 4

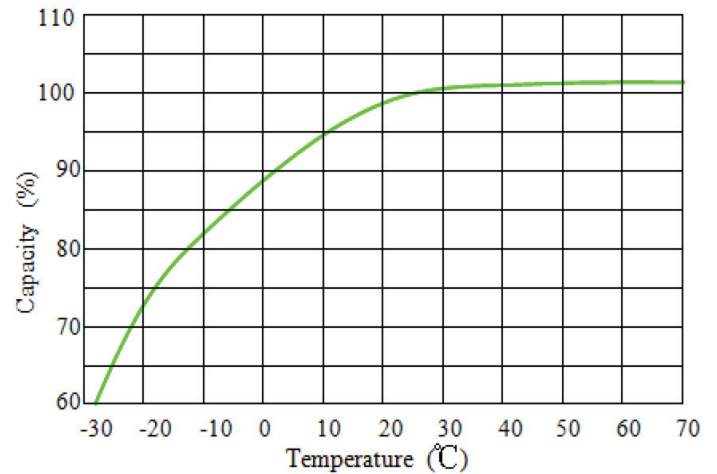
Max Parallel Connection: 4

Cell Type: Cylindrical LiFePO4

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



Temperature effects on capacity at 0.2C



Cycle life with DOD at 25°C, 0.2C

