



16.1 in.
410 mm

22.7 in.
578 mm

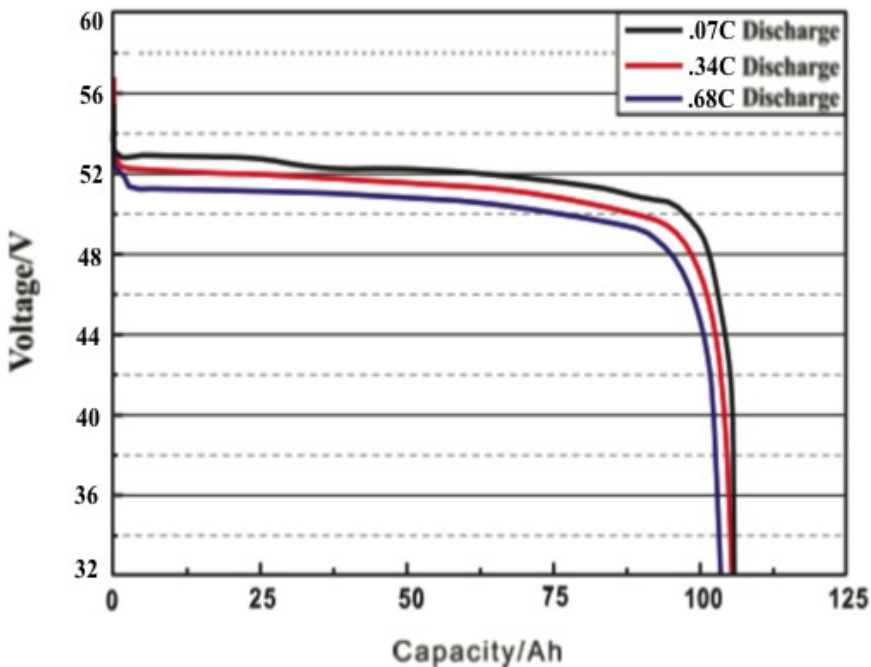
7.8 in.
192 mm

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

48V100AH LITHIUM ION BATTERY



Amp Hours: 100AH

Voltage: 48V Nominal

Peak Amps: 100 amps for 10 seconds

Life Expectancy: 3000-5000 Cycles

Weight: 146lbs. / 66.2kg

Efficiency: 99%

Max Continuous Charge: .68C = 68A

Max Continuous Discharge: .68C = 68A

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

Auto Low Voltage Cutoff: 40.0V

Auto Over Voltage Cutoff: 62.4V

Charge Voltage: CC/CV 58.4V / Float 55.2V

Max Parallel: 2

Cell Type: Cylindrical LiFePO4



16.1 in.
410 mm

17.6 in.
447 mm

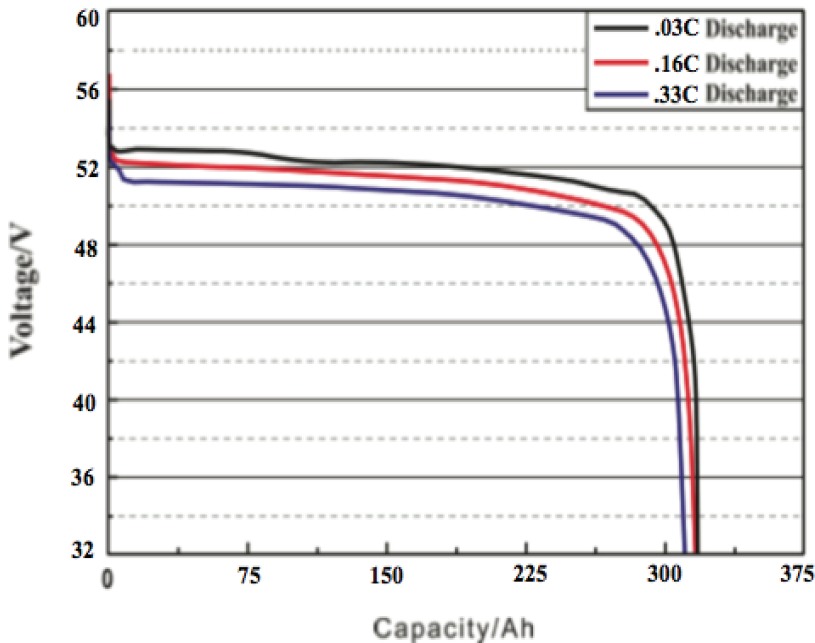
29.1 in.
740 mm

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

48V300AH LITHIUM ION BATTERY



Amp Hours: 300AH

Voltage: 48V Nominal

Peak Amps: 150 amps for 10 seconds

Life Expectancy: 3000-5000 Cycles

Weight: 375lbs. / 170kg

Efficiency: 99%

Max Continuous Charge: .33C = 100A

Max Continuous Discharge: .33C = 100A

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

Auto Low Voltage Cutoff: 40.0V

Auto Over Voltage Cutoff: 62.4V

Charge Voltage: CC/CV 58.4V / Float 55.2V

Max Parallel: 2

Cell Type: Cylindrical LiFePO4