

DIMENSIONS

Dimensions for RBGT-19

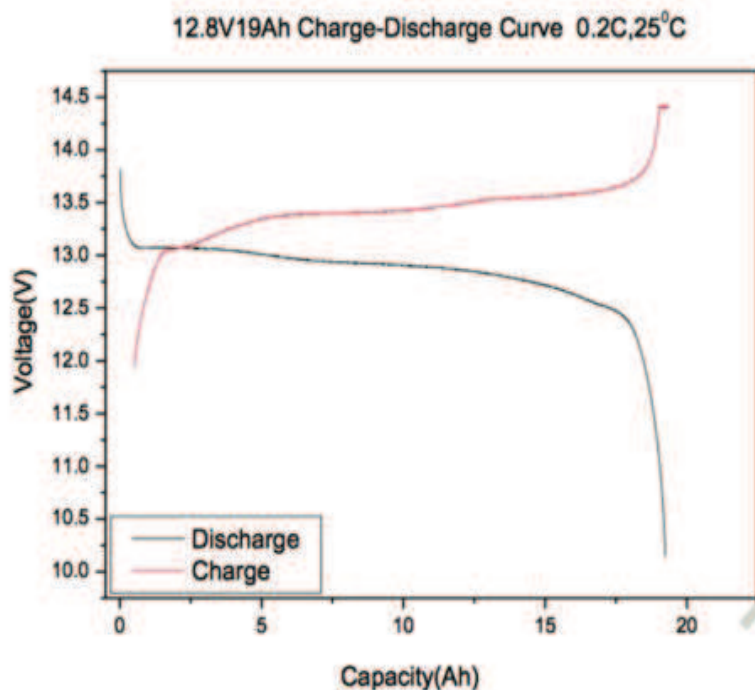
Length	181 mm/7.1in.
Width	77 mm/3.0 in.
Height	167 mm/6.5 in.

CYCLE LIFE

CAPACITY AT DIFFERENT CYCLES AT 100% DOD

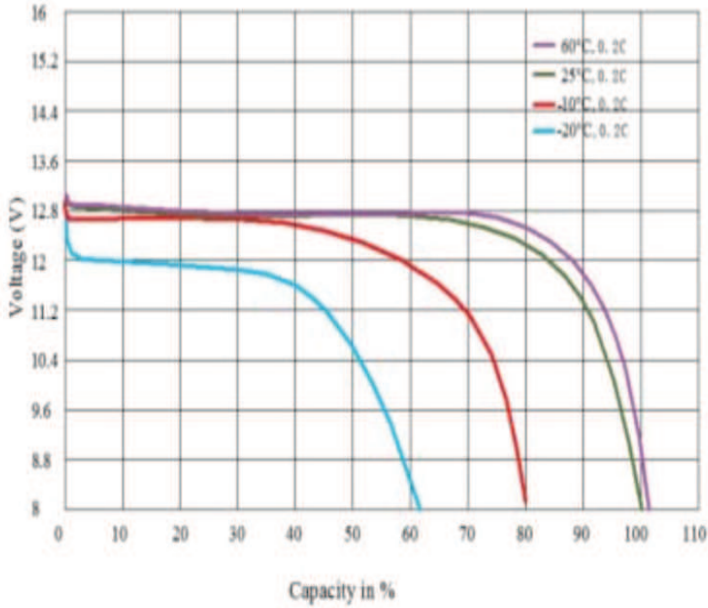
100 cycles	99.7
500 cycles	96.3
1000 cycles	90.8
1500 cycles	85.4
2000 cycles	80.1

RBGT-19 LITHIUM ION BATTERY

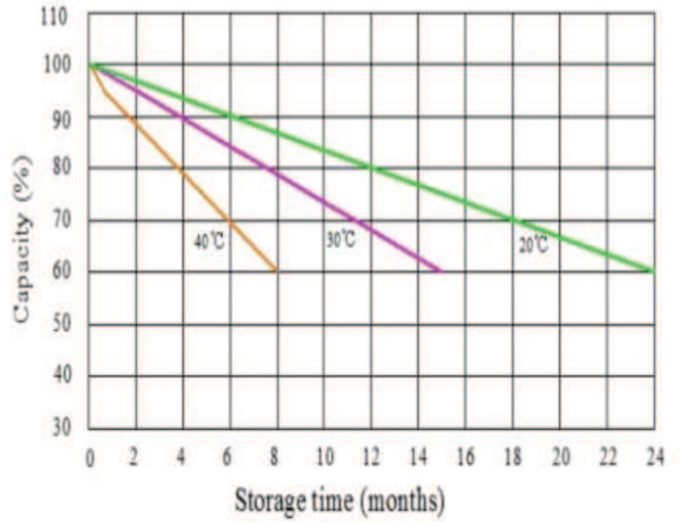


- Amp Hours: 19AH
- Voltage: 12.8V Nominal
- Peak Amps: < or equal to 25A (< or equal to 5 mins)
- Life Expectancy: 1,500 Cycles
- Weight (Battery Only): 5.9lbs. / 2.7kg
- Efficiency: 99%
- Max Continuous Charge: 5A
- Max Continuous Discharge: 16A
- Operating Temperature: -4 + 140F / -20 + 60 C
- Auto Low Voltage Cutoff: 8V
- Auto Over Voltage Cutoff: 15.2V
- Charge Voltage: CC/CV 14.6V / Float 13.8V
- Cell Type: Cylindrical LiFePO4

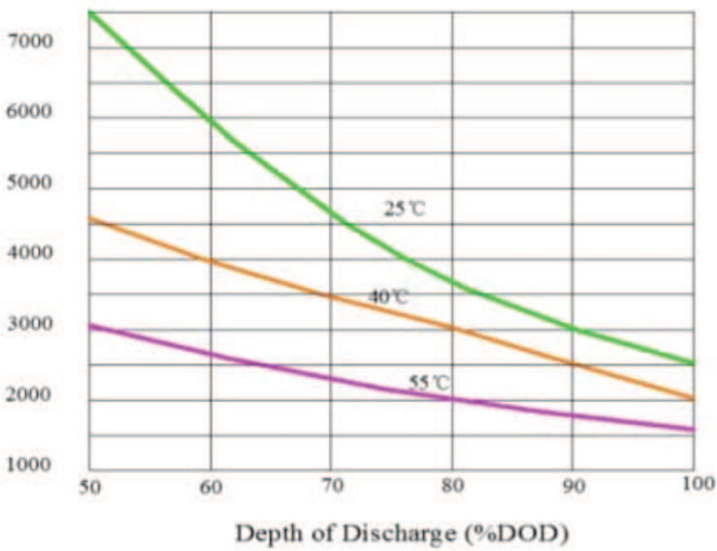
Dis charge curves under differents temperatures



Self-discharge characteristic



Cycle life versus DOD and temperature at 0.2C



0.2C CC-CV charge characteristic

