

## **Advantages of LFP Over SLA**

- · Lower cost per cycle, greater than ten times the cycle life of sealed lead-acid batteries
- Ultra-light weight; Significantly lighter than sealed lead-acid batteries
- Drop in replacement for sealed lead-acid batteries
- Can use the same charger as sealed lead-acid batteries in most cases (limited to a voltage of 7.3 volts)
- Faster charging as a result of higher charge current
- More usable capacity sealed lead-acid battery capacity decreases as discharge current increases
- Includes Battery Management System (BMS) protection. Contains a circuit that fully protects itself with a Low Voltage Disconnect and a High Current Disconnect on discharge
- · Balancing circuit on charge

**Specification** 

**Operating Humidity** 

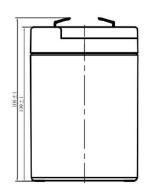


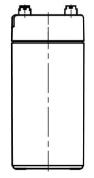
6.4 Volts
4.5 Ah
28.8 Wh
380g
4.5
@0.5C(A) to 7.3V, then @7.3V till charge current ≤ 0.05 (A)(CC,CV)
2.25(0.5C)
7.3
4
5.6
IP65

Operating Temperature Range Charge: 0 ~ +45°C/32~113°F

Terminals	F1
Storage Temperature Range	-20°C ~ +60°C/-4 ~ +140°F
Cycle Life	>10001
Protection	Over voltage, Low voltage, Over temperature, Short circuit
Certification	UN38.3, CE
UPC Number	8 06593 48046 1

## **Physical Dimensions: in (mm)**





0-95%RH (No condensing)

Discharge: -20° ~ +50°C/-4~ +131°F

