

LFP01



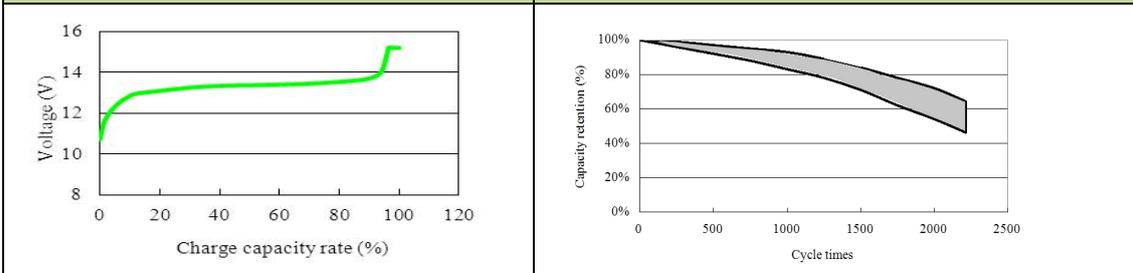
FEATURES:

- **Ultra Light Weight:** 1/3 of normal lead acid battery
- **Excellent Cycle Life:** Over 2000 cycles under JISD standard (lead acid battery only 300 cycles)
- **Premium Charge Acceptance:** Rechargeable with 10C current and 90% recharged within 6 minutes
- **Perfect Shelf Life:** Exceed one year (lead- acid battery 6 months)
- **Highly Safety:** LiFePO4 material and soft pack process ensure the safety performance
- **Multiple Position:** Any direction installation permit since no acid inside-non spill and non leak
- **Maintenance Free:** 100% maintenance free after EX-WORK date
- **Environment Friendly:** No pollution, no acid, no lead, no heavy metal

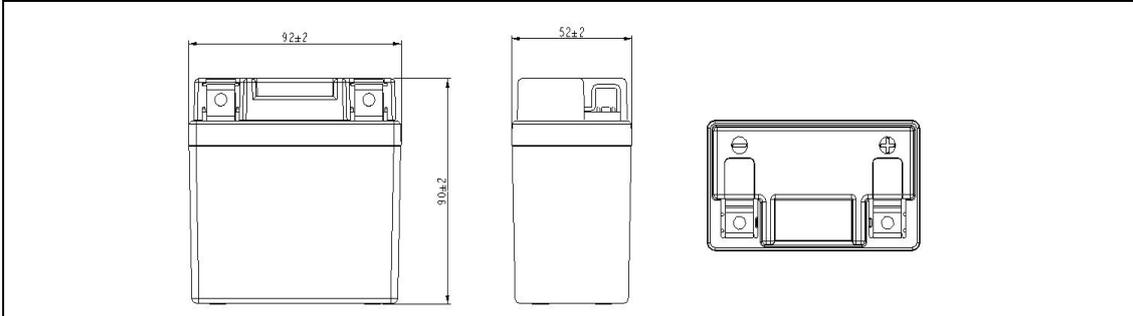
SPECIFICATION

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|-----------------------------------|---|
| Nominal Voltage: (V) | 12.8 |
| Capacity(C10,25°C): (Ah) | ≥2.0Ah *90% |
| Weight: (kg) | Approx. 0.5 |
| Charging Current: (A) | STD.: 1.0A; MAX.: 10.0A |
| Charging Voltage: (V) | 14.4±0.5V |
| High Rate Discharge: (40A, 25°C) | 5s Voltage ≥10.0V, 90s Voltage ≥7.2V |
| High Rate Discharge: (40A, 0°C) | 5s Voltage ≥8.5V, 90s Voltage ≥7.2V |
| CCA Tested by Digital Tester: (A) | 120 |
| Operating Temperature Range | Charge: 0~45°C |
| | Discharge: -10~60°C |
| | Storage: -20~40°C |
| Cycle Life: | ≥1000 (100% DOD) |
| Self Discharge: | Battery can be stored for more than 12 months at 25°C (for higher temperature the self discharge will be faster). Check the battery voltage before using, recharge it if battery voltage less than 12.8V. |

Charge Characteristic Cycle Life



Battery Drawing (±2mm): L92 X W52 X H90



Terminal Drawing: Screw and Nut Drawing:



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|---------------------------|--------------------------------------|
| Manufacturer Certificate: | TS16949; ISO9001; IS14001; ISO18001 |
| Product Certificate: | UL1642 cell inside; CE; RoHs; UN38.3 |