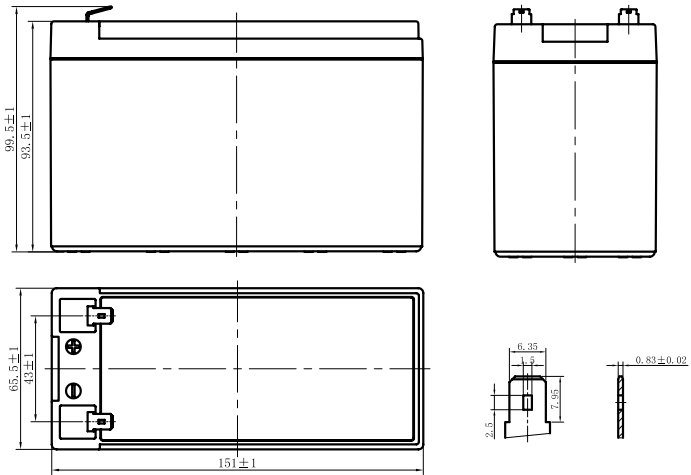


# LK9A12LI

LFP Li-ion Battery



Dimension:



Unit: mm

SAFETY

- + Cylindrical LiFePO4 cells (21700-3Ah), High consistency, long cycle life and much more safety.
- + UN38.3, CE certification for system.
- + The cycle life over 2000 times @80%DOD

DESIGN

- + ABS container, replace VRLA battery perfectly.
- + Fast charge performance.
- + -20~ +55° C widely temperature range.
- + Maintenance free.

BATTERY MANAGEMENT SYSTEM (BMS)

- + Integrated hardware BMS inside.
- + Independent protection for charge and discharge.
- + Over voltage, low voltage, over temperature and short circuit protection.

# LK9A12LI

Specification

|                                  |  |
|----------------------------------|--|
| Model                            | LK9A12LI   |
| Part Number                      | 12.8V9AH   |
| Nominal Voltage [V]              | 12.8   |
| Nominal Capacity [Ah]            | 9  |
| Total Energy [Wh]                | 115.2  |
| Max. Charging Current [A]        | 9  |
| Recommended Charging Current [A] | 4.5  |
| Charging Voltage [V]             | 14.6   |
| Max. Discharging Current [A]     | 9  |
| End of Discharge Voltage [V]     | 11.2   |
| Pulse Discharge Current          | 12A @ 10s  |
| Dimension [W*D*H, mm]            | 151*65*93.5  |
| Weight [Kg]                      | 1.10   |
| Operation Humidity               | 0~95% RH (No condensing)                                       |
| Operating Temperature Range      | Charge: 0 ~ +50 °C ;<br>Discharge: -20 ~ +55 °C                |
| BMS Protection                   | Over charge Over discharge,<br>Over temperature, Short circuit |
| Parallel Support                 | Yes, Max 2 Sets  |
| Series Support                   | Yes, Max 4 Sets  |
| Cycle Life                       | >2000  |
| Designed Calendar Life           | >10 Years  |
| Certification                    | UN38.3, CE, MSDS   |

Note:  
1. 80% DOD and to 80% of initial capacity.