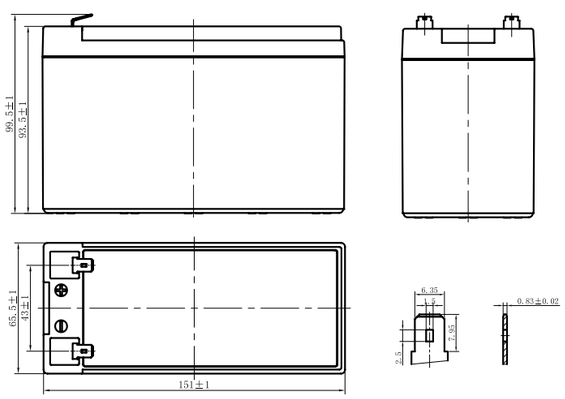
LK9A12LI

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.

Li-ion Battery

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 Dicharge 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 ℃; Discharge: -20 ~ +55 ℃
BMS Protection	Over charge Over discharge, 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.