

Product name: Qoltec LiFePO₄ lithium iron phosphate battery 12.8V | 12Ah
Model: 53701

SPECIFICATIONS

Voltage Per Unit

12.8V

Capacity

0.2C	(2.4A to 10.0V)	12.0Ah
0.5C	(6.0A to 10.0V)	12.0Ah
1C	(12A to 10.0V)	11.8Ah

Weight (net)

Approx 1.410kg

Max. Continuous Discharge Current

12A

Internal Resistance (at 1kHz)

Approx 21mΩ

Operating Temperature Range

Discharge: -15°C ~ 60°C

Charge: 0°C ~ 60°C

Storage: -15°C ~ 50°C

Charging Voltage/End-of-charge Current

14.40V to 14.60V DC/0.6A at 25°C

Max. Charging Current

12A

Self Discharge

The batteries can be stored for more than 6 months at 25 °C. Please charge batteries before using. For high temperature the time interval will be shorter.

Constainer Material

ABS(UL94-HB) Flammability resistance of UL94-V0 is available on request.

Terminal

T1/T2

Life expectancy

Cycle Use: 100% DOD, 3000cycles Standby Use: 6-10 years



DIMENSIONS

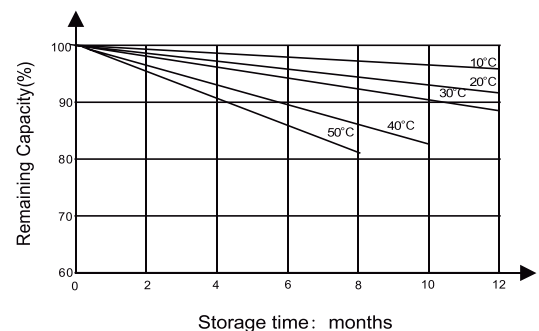
Length: 100±2mm

Width: 150±2mm

Height: 100±2mm

Total Height: 100±2mm

SELF-DISCHARGE CHARACTERISTIC



DISCHARGE TIME VS. DISCHARGE CURRENT (25°C)

