

Qoltec®

Product name: Qoltec LiFePO4 lithium iron phosphate battery 12.8V | 100Ah

Model: 53705

► SPECIFICATIONS

Voltage Per Unit

12.8V

Capacity

0.2C	20.0A to 10.0V)	100.0Ah
0.5C	(50.0A to 10.0V)	100.0Ah
1C	(100.0A to 10.0V)	98.0Ah

Weight

Approx. 12.40kg

Max. Continuous Discharge Current

100A

Internal Resistance (at 1kHz)

Approx. 7mΩ

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/5.0A at 25°C

Max. Charging Current

50A

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

M8

Life expectancy

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



► DIMENSIONS

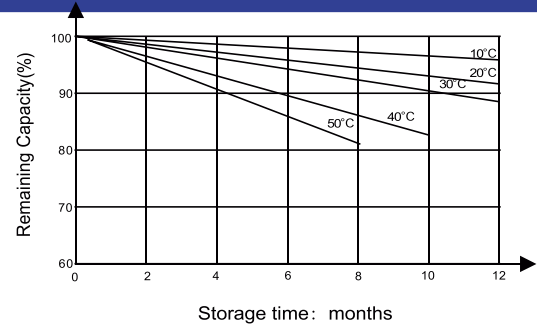
Length: 330 ± 2mm

Width : 172 ± 2mm

Height: 215 ± 2mm

Total Height: 220 ± 2mm

SELF-DISCHARGE CHARACTERISTIC



DISCHARGE TIME VS. DISCHARGE CURRENT (25°C)

