

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 (net)

Approx 9.700kg

### 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

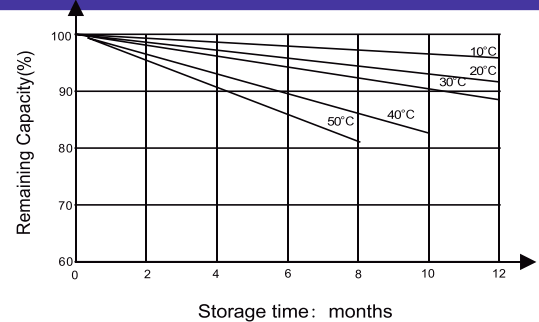
Cycle Use: 100% DOD, 3000cycles Standby Use: 6-10 years



## ► DIMENSIONS

Length: 165±2mm  
 Width: 260±2mm  
 Height: 210±2mm  
 Total Height: 210±2mm

### SELF-DISCHARGE CHARACTERISTIC



### DISCHARGE TIME VS. DISCHARGE CURRENT (25°C)

