

Product name: Qoltec LiFePO4 lithium iron phosphate battery 12.8V | 50Ah  
 Model: 53704

## ► SPECIFICATIONS

### Voltage Per Unit

12.8V

### Capacity

0.2C	10..0A to 10.0V)	50.0Ah
0.5C	(25.0A to 10.0V)	50.0Ah
1C	(50.0A to 10.0V)	49.0Ah

### Weight

Approx.5.7kg

### Max. Continuous Discharge Current

50A

### Internal Resistance (at 1kHz)

Approx. 11mΩ

### 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/2.5A at 25°C

### Max. Charging Current

25 0A

### 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

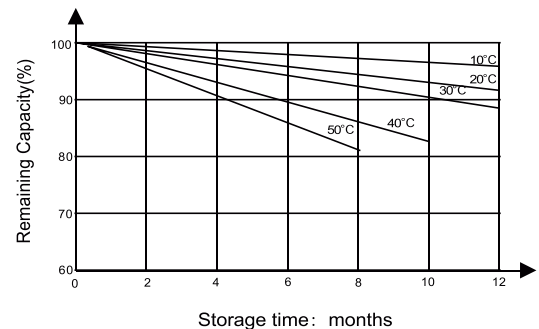
Length: 197 ± 2mm

Width : 165 ± 2mm

Height: 170 ± 2mm

Total Height: 170 ± 2mm

### SELF-DISCHARGE CHARACTERISTIC



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

