

## 12Volt 65Ah

### Specifications

Nominal Voltage(V) **12V**

#### Nominal Capacity

20 hour rate	(3.25A to 10.50V)	65Ah
10 hour rate	(6.175A to 10.50V)	61.75Ah
5 hour rate	(11.05A to 10.20V)	55.25Ah
1 C	(65A to 9.60V)	41.17Ah
3 C	(195A to 9.60V)	26Ah

Weight **Approx. 20.9kg(45.98Lbs.)**

Internal Resistance (at 1KHz) **Approx. 7 mΩ**

Maximum Discharge Current for 5 seconds: **780A**

#### Charging Methods at 25°C(77°F)

Cycle use:

Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current :	19.5A

Standby use:

Float Charging Voltage	13.5 to 13.8V
Coefficient -3.0mV/°C/cell	

#### Operating Temperature Range

Charge	-15°C(5°F) to 40°C(104°F)
Discharge	-15°C(5°F) to 50°C(122°F)
Storage	-15°C(5°F) to 40°C(104°F)

#### Charge Retention (shelf life) at 20°C(68°F)

1 month	98%
3 month	94%
6 month	85%

Case Material **ABS UL94 HB**

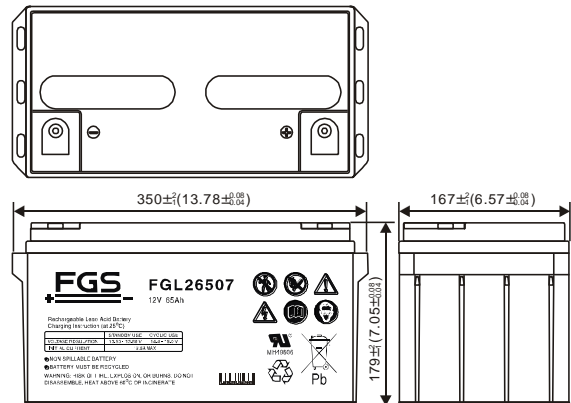
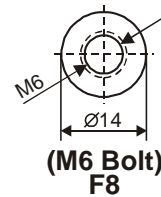
Terminal **F8**

Description of torque value of hard ware for the terminals:  
 Recommended torque value **M6: 7 N-m (71kgf-cm)**  
 Maximum allowable torque value **M6: 9 N-m (92kgf-cm)**

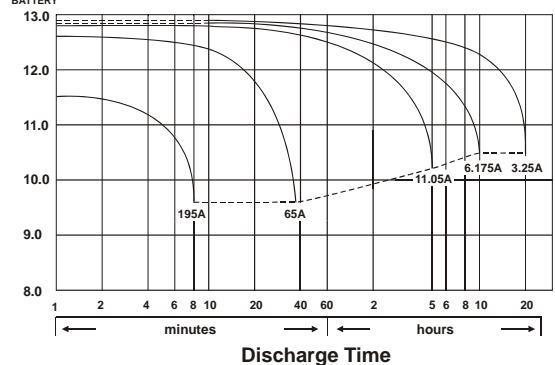


### Dimensions

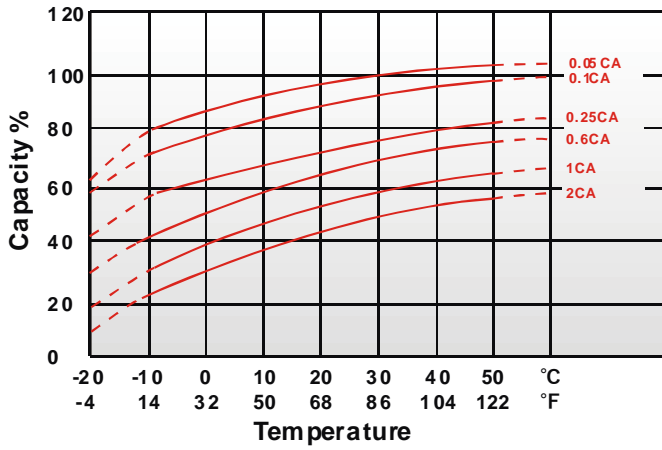
mm(inch)



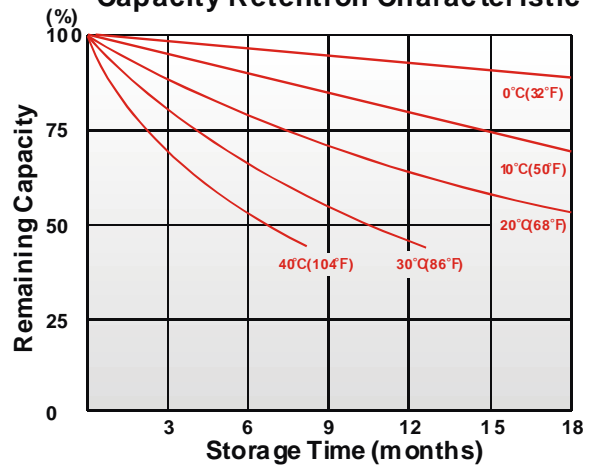
(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



**Effect of Temperature on Capacity 25° C (77° F)**



**Capacity Retention Characteristic**



**Trickle (or float) Service Life**

