

## GEL BATTERY

12Volt 7Ah

### Specifications

**Nominal Voltage(V)** **12V**

#### Nominal Capacity

20 hour rate	(0.35A	to	10.50V)	<b>7Ah</b>
5 hour rate	(1.19A	to	10.20V)	<b>5.95Ah</b>
1 hour rate	(3.85A	to	9.60V)	<b>3.85Ah</b>
1 C	(7A	to	9.60V)	<b>3.73Ah</b>

**Weight** **Approx. 2.4kg(5.28Lbs.)**

**Internal Resistance (at 1KHz)** **Approx. 20 mΩ**

#### Maximum Discharge Current for

**5 seconds:** **105A**

#### Charging Methods at 25°C (77°F)

##### Cycle use:

**Charging Voltage** **13.8 to 14.4V**

**Coefficient** **-5.0mV/°C/cell**

**Maximum Charging Current :** **2.1A**

##### 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** **92%**

**3 month** **90%**

**6 month** **80%**

**Case Material** **ABS UL94 HB**

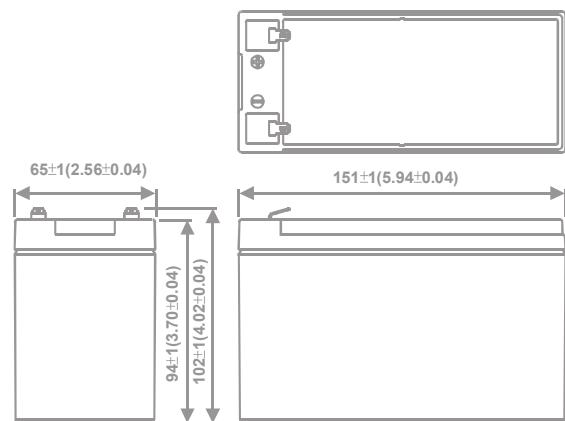
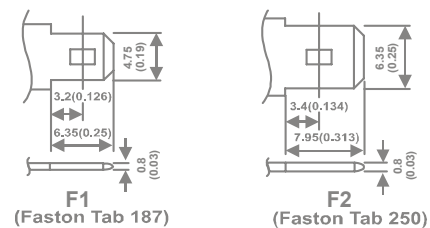
**Option: Flammability resistance of (UL94 V-0)**

**Terminal** **F1 or F2 (Faston Tab 187 or 250)**

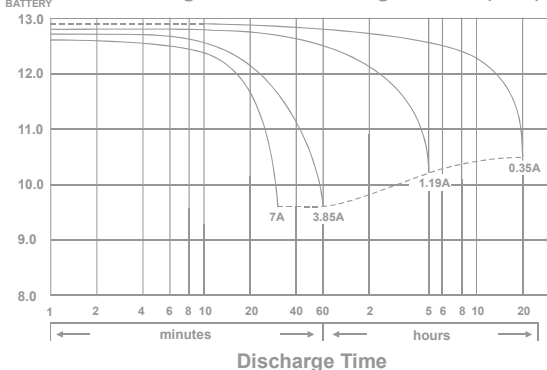


### Dimensions

mm(inch)

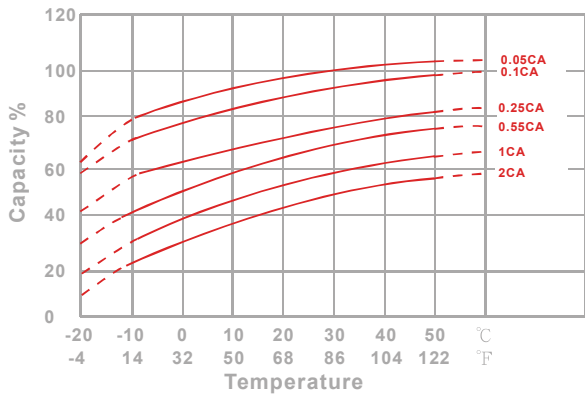


(V) FOR 12V BATTERY **Discharge Time VS. Discharge Current (25°C)**

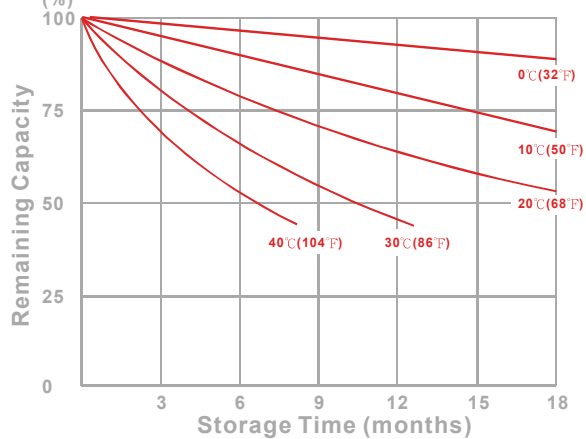


# ULTRA MAX<sup>®</sup>

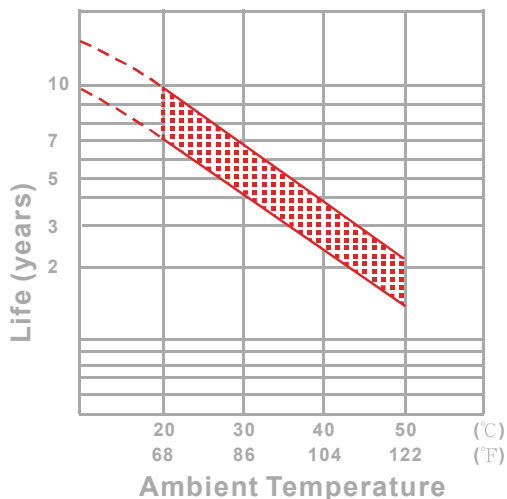
**Effect of Temperature on Capacity 25°C(77°F)**



**Capacity Retention Characteristic**



**Trickle (or float) Service Life**



**Cycle Service Life**

