

## 6SB13TOY 6Volt 13Ah

### Specifications

Nominal Voltage(V) **6V**

#### Nominal Capacity

20 hour rate	(0.65A to 5.25V)	<b>13Ah</b>
10 hour rate	(1.235A to 5.25V)	<b>12.35Ah</b>
5 hour rate	(2.21A to 5.1V)	<b>11.05Ah</b>
1 C	(13A to 4.8V)	<b>7.367Ah</b>
3 C	(39A to 4.8V)	<b>5.2Ah</b>

Weight **Approx. 2.2kg(4.84Lbs.)**

Internal Resistance (at 1KHz) **Approx. 8 mΩ**

Maximum Discharge Current for 5 seconds: **202A**

#### Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage **7.20 to 7.50V**

Coefficient **-5.0mV/°C/cell**

Maximum Charging Current : **3.9A**

Standby use:

Float Charging Voltage **6.75 to 6.90V**

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**

(Option: UL94 HB & UL94 V-0 flame retardant )

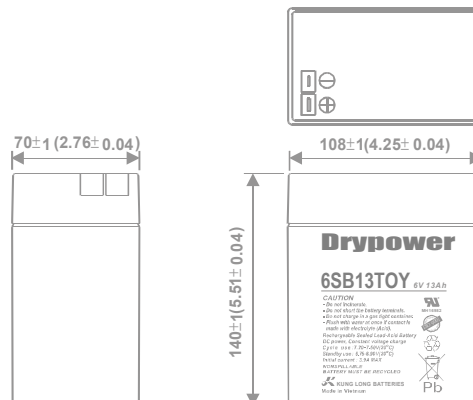
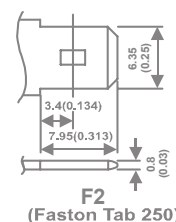
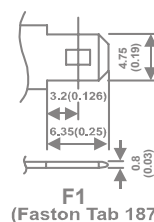
#### Terminal

**F1- F2+ (Faston Tab 187 and 250)**

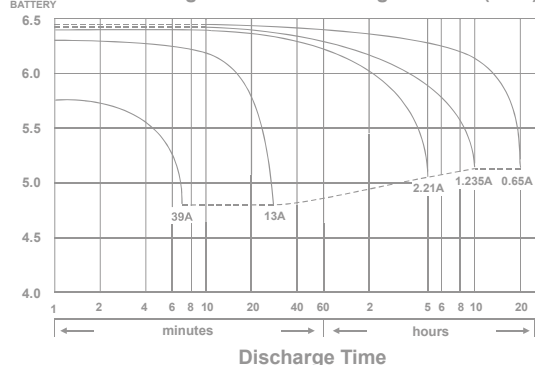


### Dimensions

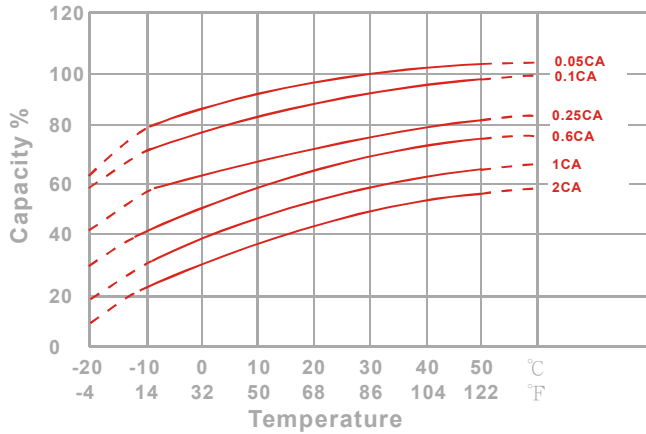
mm(inch)



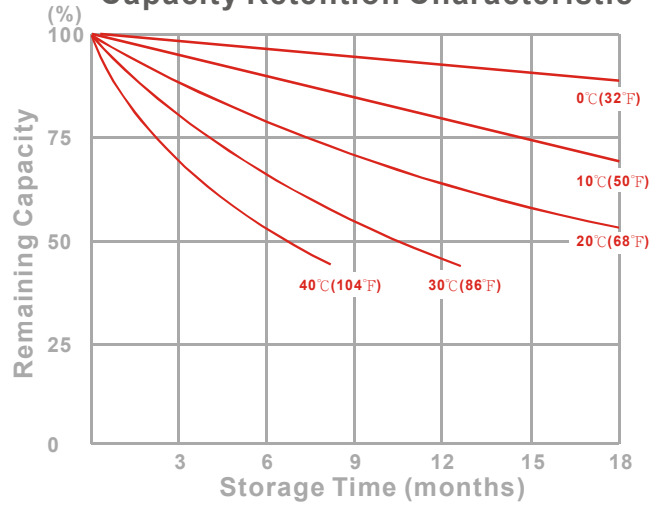
(V) FOR 6V BATTERY Discharge Time VS. Discharge Current (25°C)



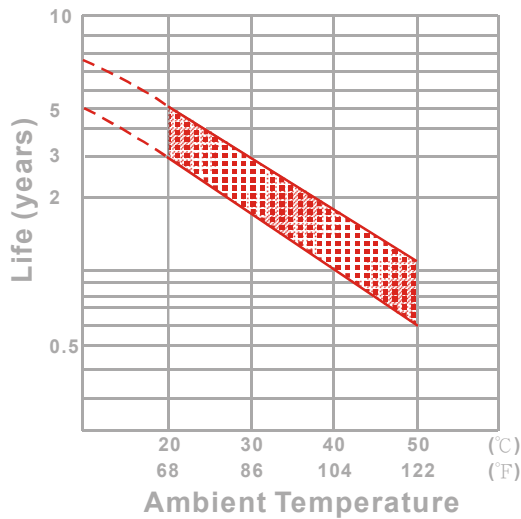
**Effect of Temperature on Capacity 25°C (77°F)**



**Capacity Retention Characteristic**



**Trickle (or float) Service Life**



**Cycle Service Life**

