

6SB13TOY 6Volt 13Ah

Specifications

Nominal Voltage(V) **6V**

Nominal Capacity

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

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**

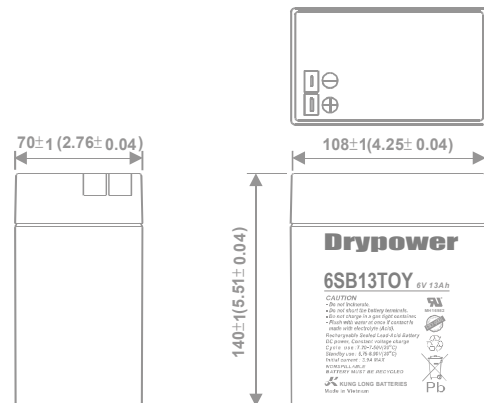
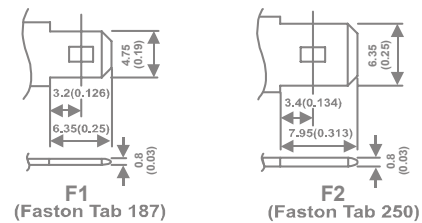
(Option: UL94 HB & UL94 V-0 flame retardant)

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

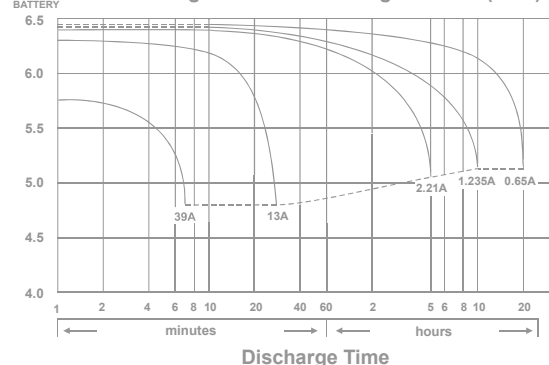


Dimensions

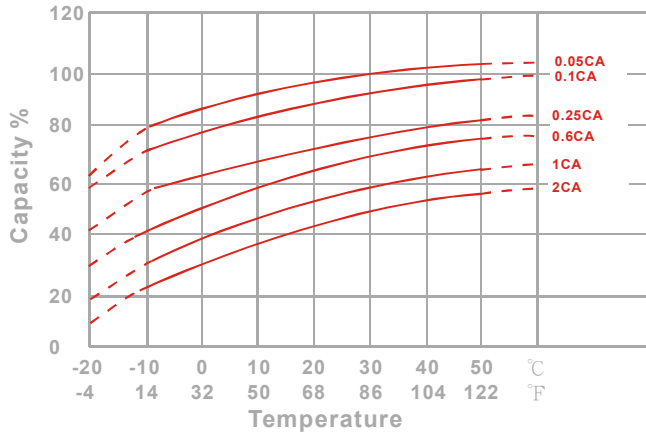
mm(inch)



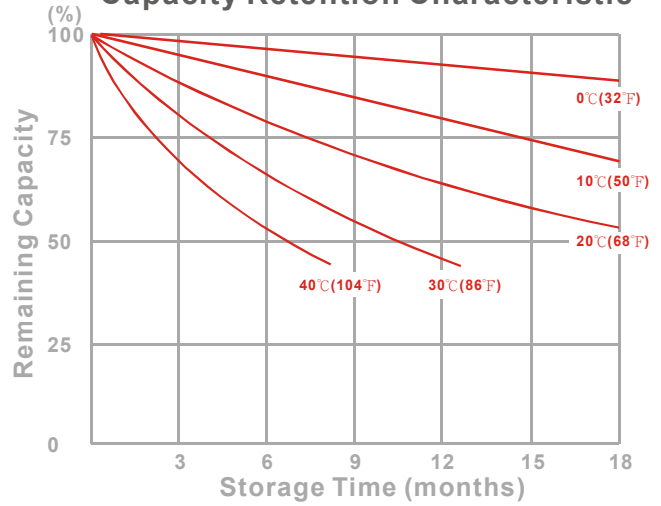
(V) FOR 6V BATTERY Discharge Time VS. Discharge Current (25°C)



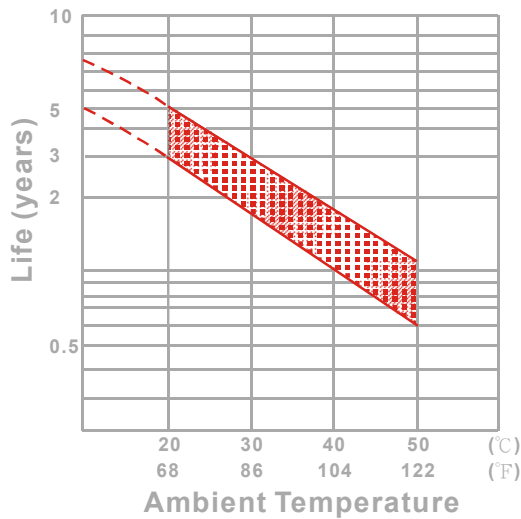
Effect of Temperature on Capacity 25°C (77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

