

6SB13TOY (6V 13Ah)

SPECIFICATIONS

Nominal Voltage (V) 6V

Nominal Capacity

20 hour rate (0.650A to 5.25V)	13Ah
10 hour rate (1.235A to 5.25V)	12.35Ah
5 hour rate (2.210A to 5.10V)	11.05Ah
1C (13A to 4.8V)	7.367Ah
3C (39A to 4.8V)	5.2Ah

Weight Approx. 2.2kg (4.84lbs)

Internal Resistance (@1kHz) Approx. 8mΩ

Maximum Discharge Current

For 5 seconds 202A

Charging Methods @25°C (77°F)

Cycle Use:

Charging Voltage	7.20V to 7.50V
Coefficient	-5.0mV/°C/Cell
Maximum Charging Current	3.9A

Standby Use:

Float Charging Voltage	6.75V 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) @20°C (68°F)

1 month	92%
3 months	90%
6 months	80%

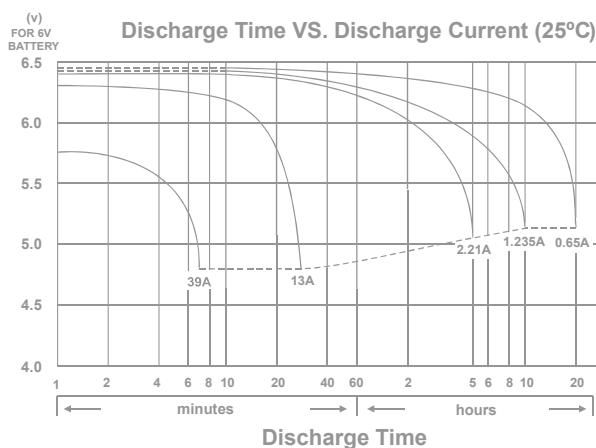
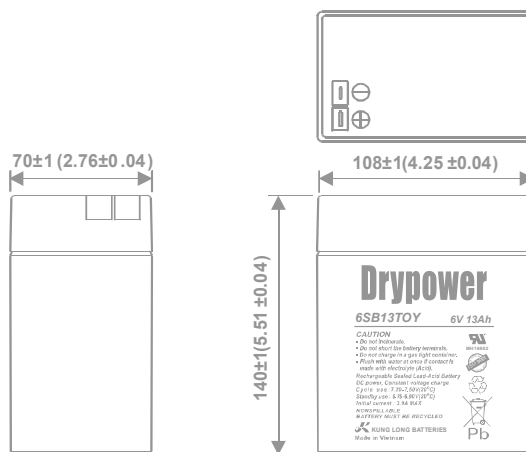
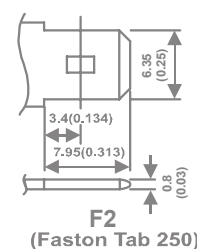
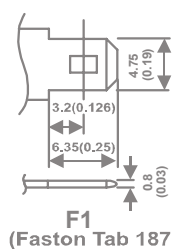
Case Material ABS

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

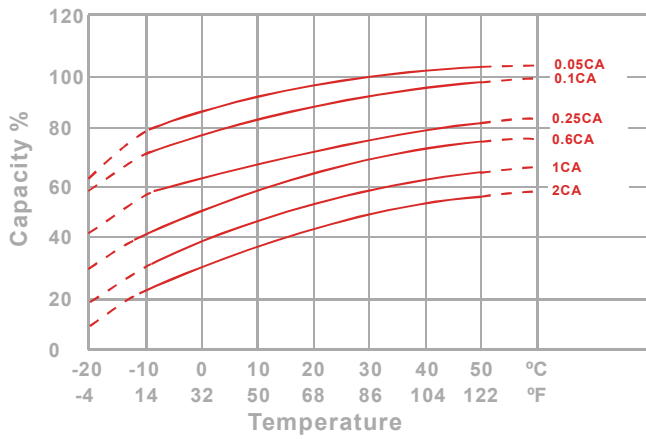


DIMENSIONS

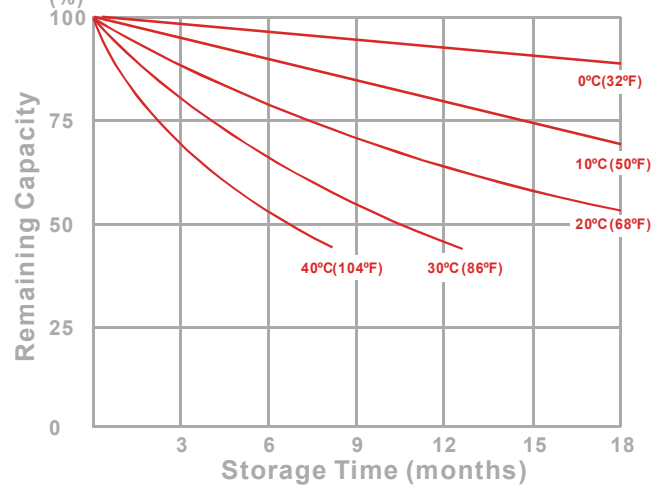
mm (inch)



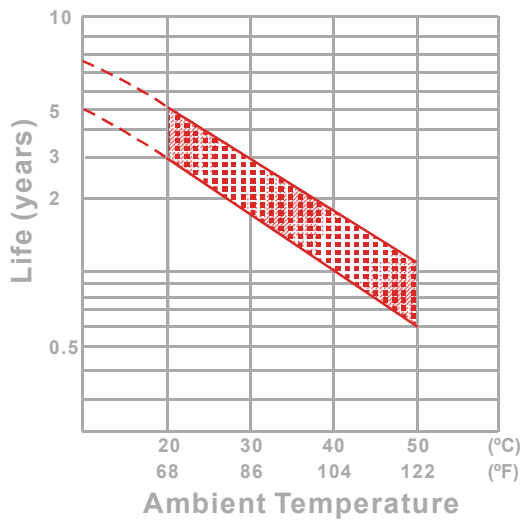
Effect of Temperature on Capacity 25°C (77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

