

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

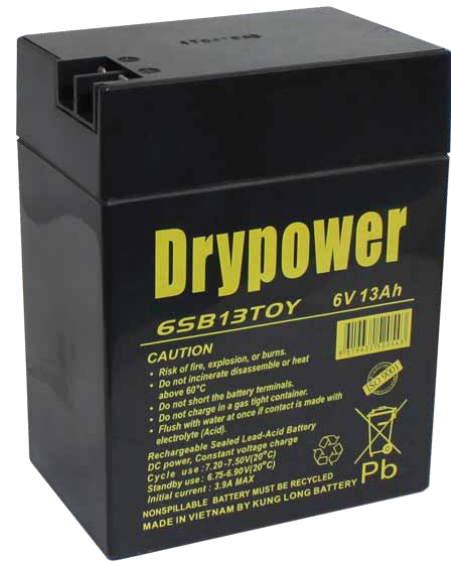
Charge	-15°C (5°F) to +40°C (104°F)
Discharge	-15°C (5°F) to +50°C (122°F)
Storage	-15°C (5°F) to +40°C (104°F)

Charge Retention (Shelf Life) @20°C (68°F)

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

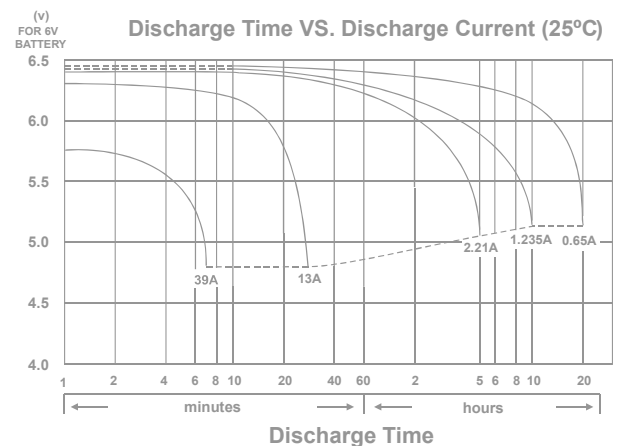
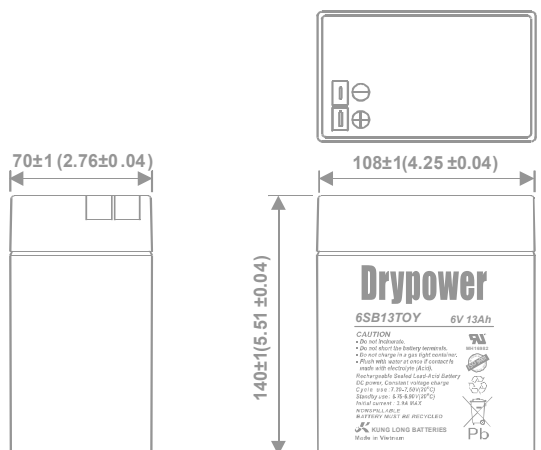
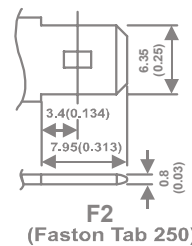
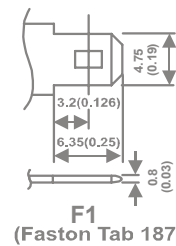
Case Material ABS

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

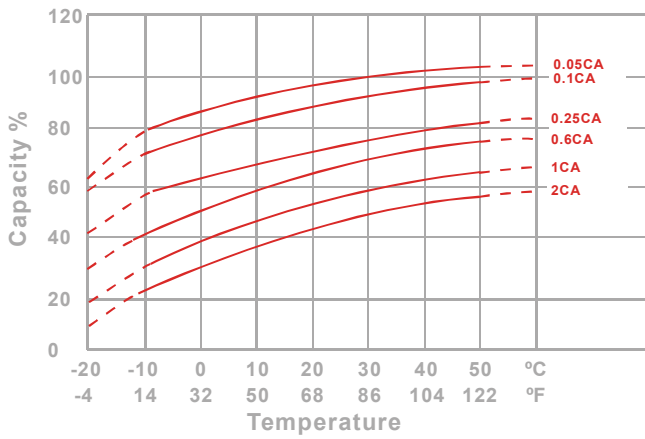


DIMENSIONS

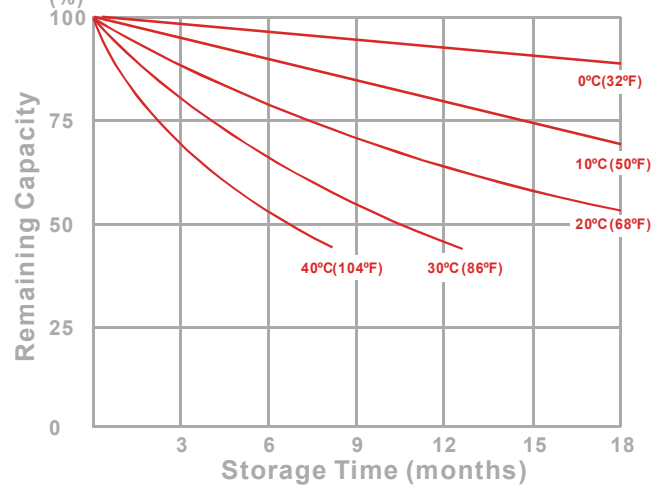
mm (inch)



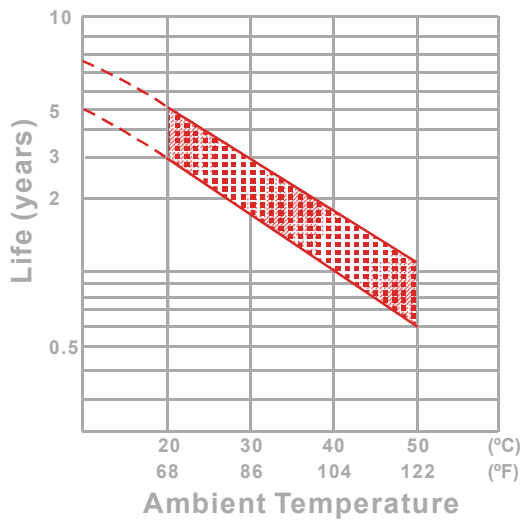
Effect of Temperature on Capacity 25°C (77°F)



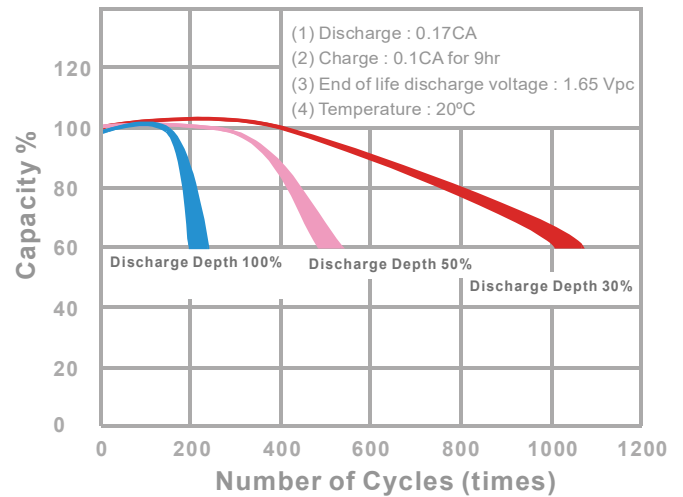
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



Performance may vary depending on application. All specifications are correct at time of creation. All specifications and operation conditions contained in this datasheet are subject to change or improvement without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied by this data. For clarification and updated information, please contact us.