

6SB2.8P (6V 2.8Ah)

SPECIFICATIONS

Nominal Voltage (V) 6V

Nominal Capacity

20 hour rate (0.140A to 5.25V)	2.8Ah
10 hour rate (0.266A to 5.25V)	2.66Ah
5 hour rate (0.476A to 5.10V)	2.38Ah
1C (2.8A to 4.8V)	1.587Ah
3C (8.4A to 4.8V)	1.12Ah

Weight Approx. 570g (1.25lbs)

Internal Resistance (@1kHz) Approx. 22mΩ

Maximum Discharge Current

For 5 seconds 42A

Charging Methods @25°C (77°F)

Cycle Use:

Charging Voltage 7.20V to 7.50V

Coefficient -5.0mV/°C/Cell

Maximum Charging Current 0.84A

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)

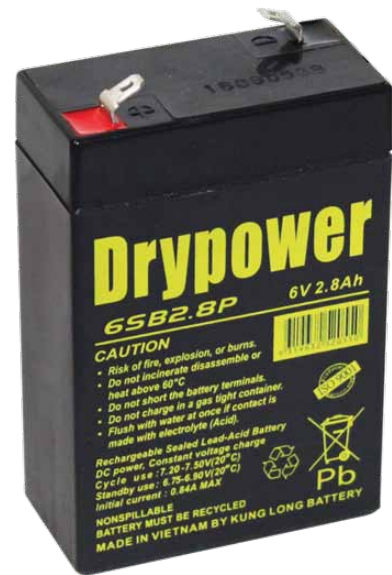
1 month 92%

3 months 90%

6 months 80%

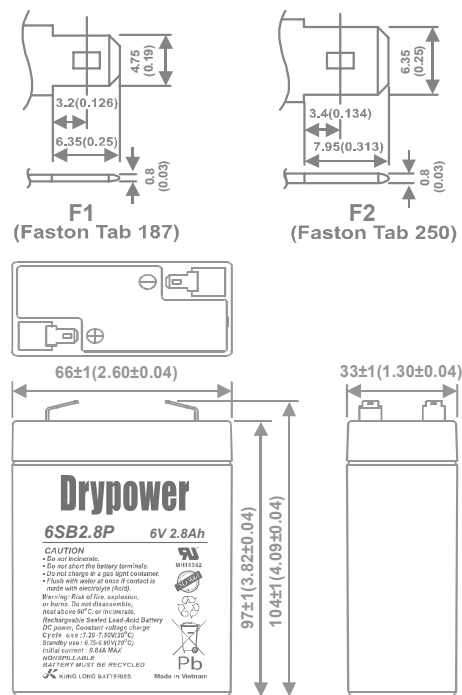
Case Material ABS

Terminal F1 or F2 (Faston Tab 187 or 250)

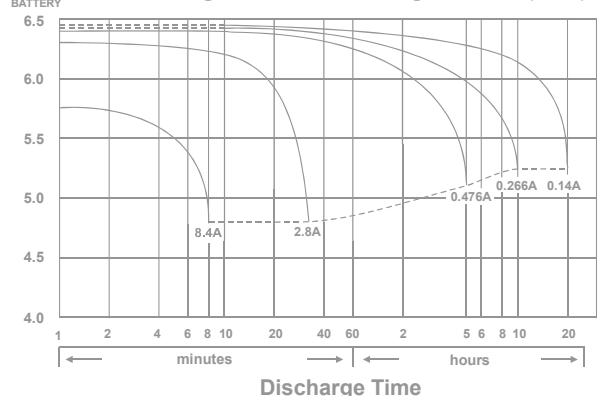


DIMENSIONS

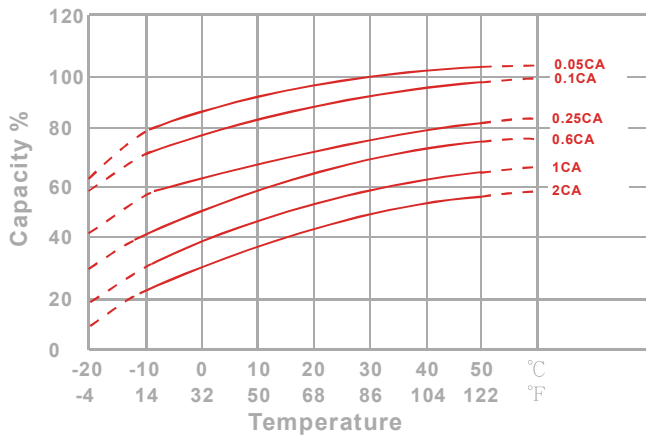
mm (inch)



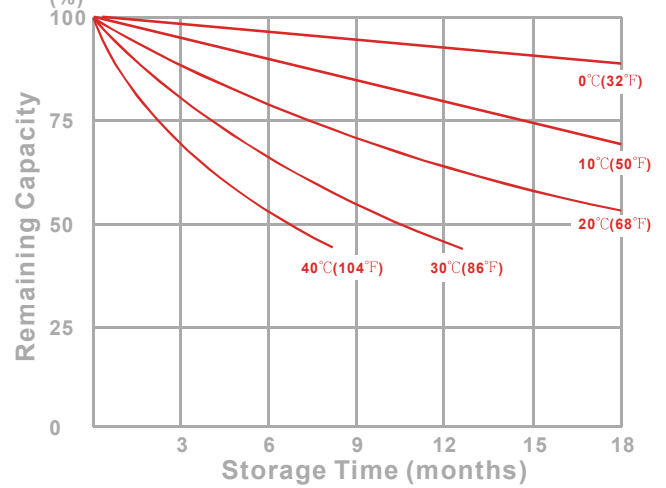
Discharge Time VS. Discharge Current (25°C)



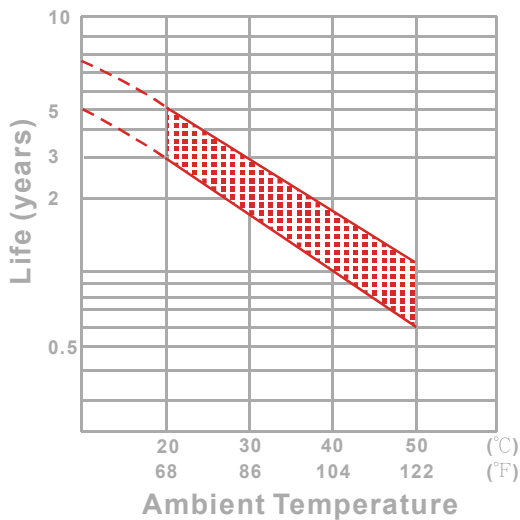
Effect of Temperature on Capacity 25°C (77°F)



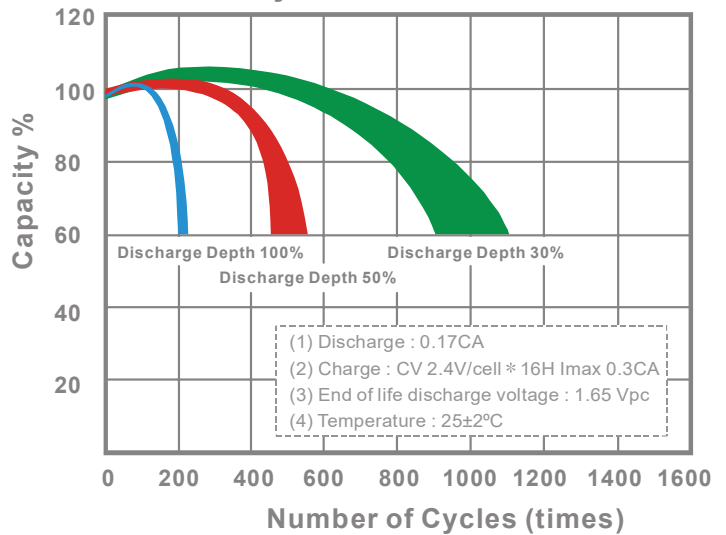
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



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.