

6SB2.8P 6Volt 2.8Ah

Specifications

Nominal Voltage(V) **6V**

Nominal Capacity

20 hour rate	(0.14A to 5.25V)	2.8Ah
10 hour rate	(0.266A to 5.25V)	2.66Ah
5 hour rate	(0.476A to 5.1V)	2.38Ah
1 C	(2.8A to 4.8V)	1.587Ah
3 C	(8.4A to 4.8V)	1.12Ah

Weight **Approx. 570g(1.25Lbs.)**

Internal Resistance (at 1KHz) **Approx. 22 mΩ**

Maximum Discharge Current for 5 seconds: **42A**

Charging Methods at 25 (77)

Cycle use:

Charging Voltage **7.20 to 7.50V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **0.84A**

Standby use:

Float Charging Voltage **6.75 to 6.90V**

Coefficient -3.0mv/ /cell

Operating Temperature Range

Charge **-15 (5) to 40 (104)**

Discharge **-15 (5) to 50 (122)**

Storage **-15 (5) to 40 (104)**

Charge Retention (shelf life) at 20 (68)

1 month **92%**

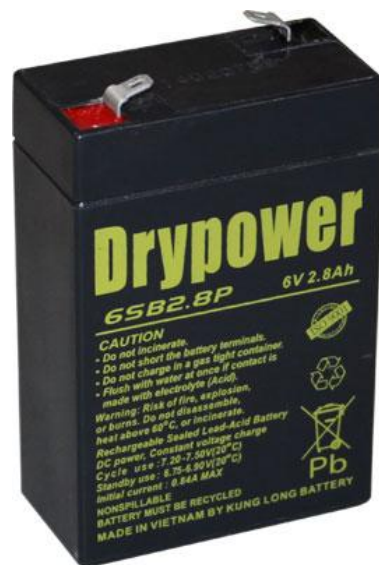
3 month **90%**

6 month **80%**

Case Material **ABS**

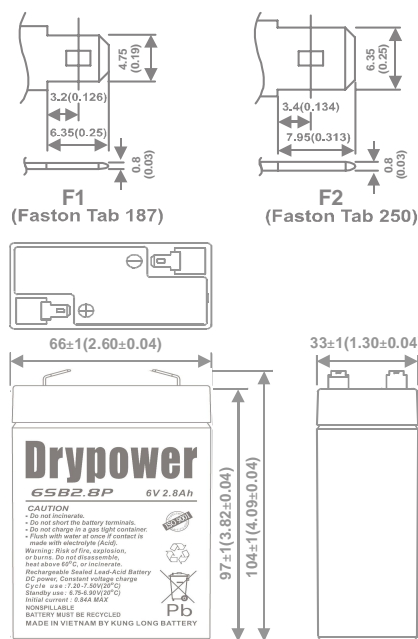
(Option: UL94 HB & UL94 V-0 flame retardant)

Terminal **F1 or F2 (Faston Tab 187 or 250)**

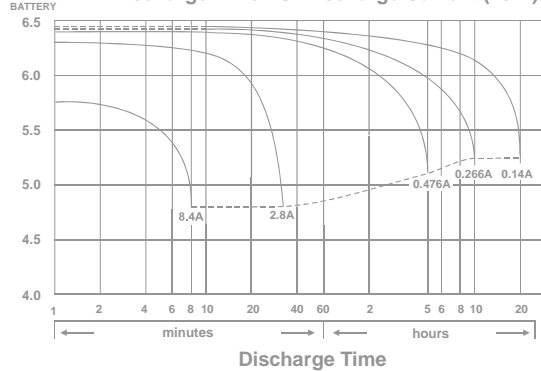


Dimensions

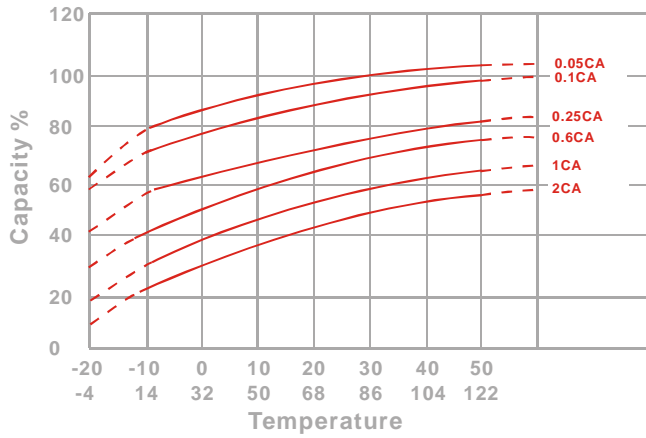
mm(inch)



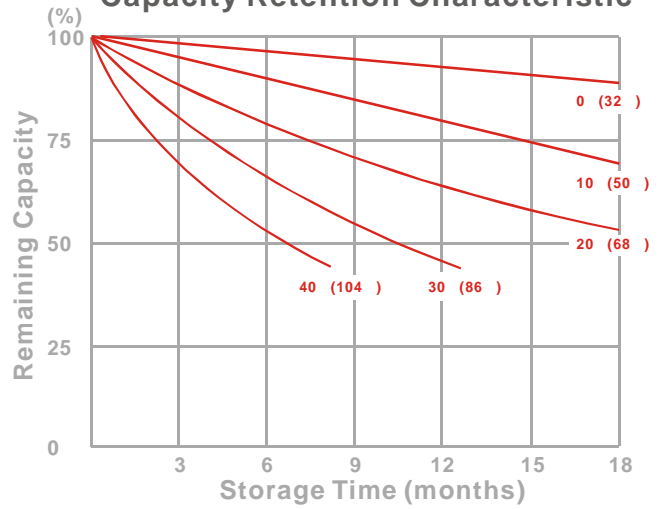
Discharge Time VS. Discharge Current (25)



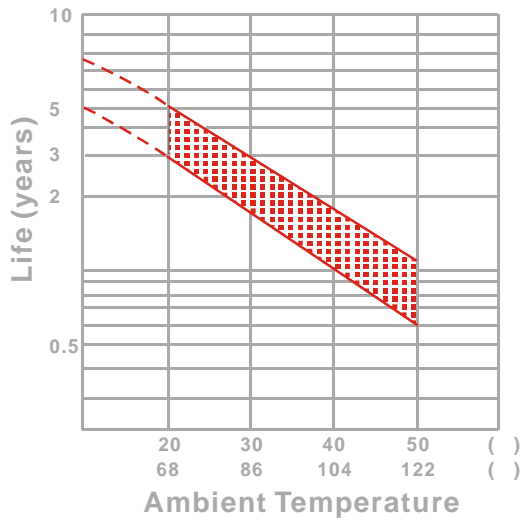
Effect of Temperature on Capacity 25 (77)



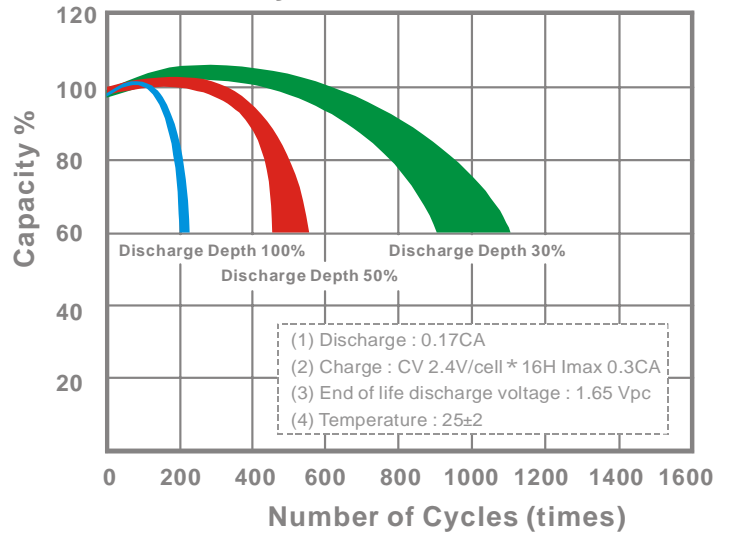
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



- (1) Discharge : 0.17CA
- (2) Charge : CV 2.4V/cell * 16H I_{max} 0.3CA
- (3) End of life discharge voltage : 1.65 Vpc
- (4) Temperature : 25±2