

## WP5-6 6Volt 5Ah

### Specifications

**Nominal Voltage(V)** **6V**

#### Nominal Capacity

20 hour rate	(0.25A to 5.25V)	<b>5Ah</b>
10 hour rate	(0.475A to 5.25V)	<b>4.75Ah</b>
5 hour rate	(0.85A to 5.1V)	<b>4.25Ah</b>
1 C	(5A to 4.8V)	<b>2.83Ah</b>
3 C	(15A to 4.8V)	<b>2Ah</b>

**Weight** **Approx. 890g(1.96Lbs.)**

**Internal Resistance (at 1KHz)** **Approx. 19 mΩ**

**Maximum Discharge Current for  
5 seconds:** **75A**

#### Charging Methods at 25 (77 )

**Cycle use:**

**Charging Voltage** **7.20 to 7.50V**

**Coefficient -5.0mV/ /cell**

**Maximum Charging Current :** **1.5A**

**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%**

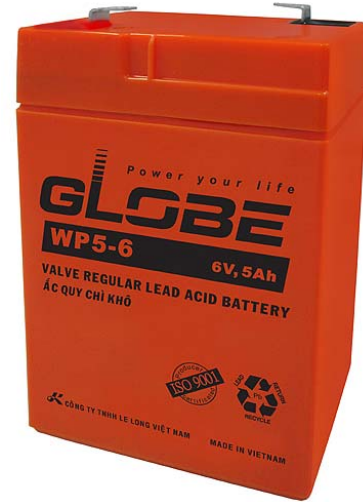
**3 month** **90%**

**6 month** **80%**

**Case Material** **ABS**

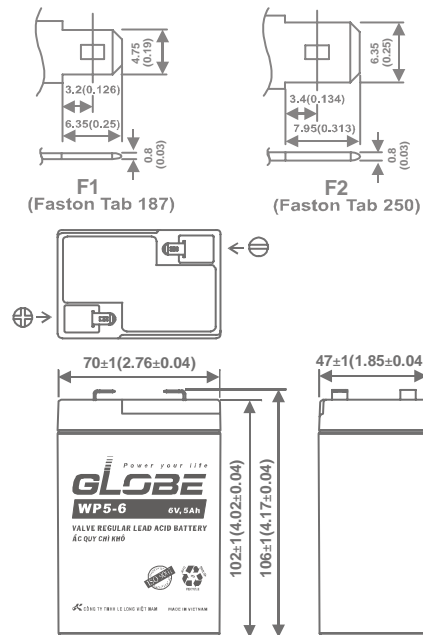
**(UL94 HB flame retardant )**

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

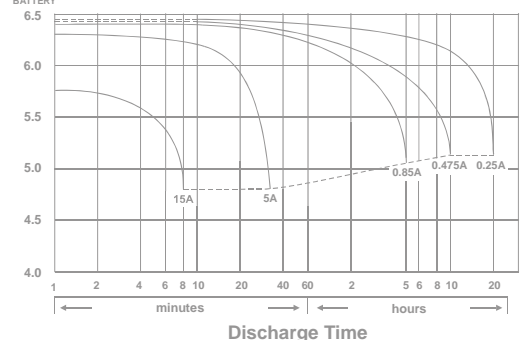


### Dimensions

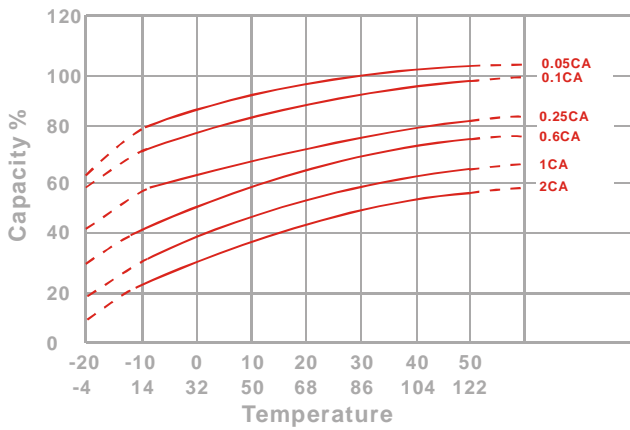
**mm(inch)**



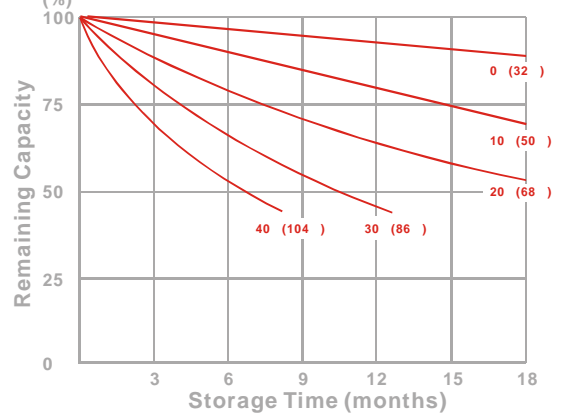
(v) FOR 6V BATTERY **Discharge Time VS. Discharge Current (25 )**



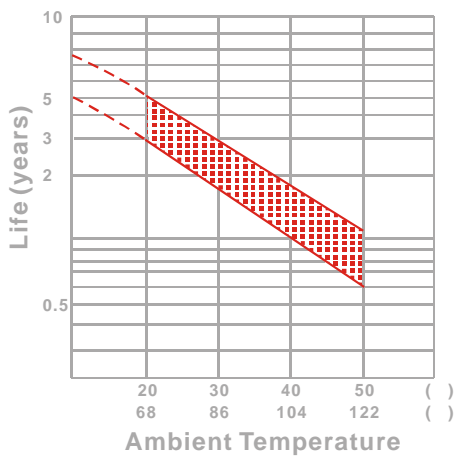
**Effect of Temperature on Capacity 25 (77 )**



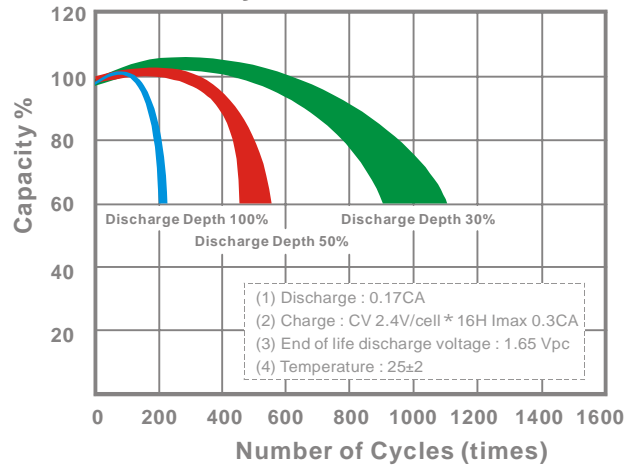
**Capacity Retention Characteristic**



**Trickle (or float) Service Life**



**Cycle Service Life**



280716-1A-V



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