

**Specification**

<b>Nominal Voltage</b>	6 volts		
<b>Nominal Capacity</b>			
20-hr. (0.17A)	3.4 Ah		
10-hr. (0.32A)	3.2 Ah		
5-hr. (.58A)	2.9 Ah		
1-hr. (2A)	2 Ah		
<b>Approximate Weight</b>	1.52 lbs (0.69 kgs)		
<b>Internal Resistance (approx.)</b>	38mΩ		
<b>Max Charge Current (A)</b>	1 A		
<b>Case</b>	ABS Plastic		
<b>Shelf Life</b> (% of normal capacity at 77° F (25° C))			
3 Months	6 Months	12 Months	
91%	82%	64%	
<b>Temperature Dependency of Capacity</b>	(20 hour rate)		
104° F	77° F	32° F	5° F
102%	100%	85%	65%



**Charge Method** (Constant Voltage)

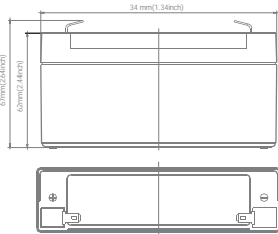
**Cycle Use** (Repeating Use)

Initial Current	1 A or smaller
Control Voltage	7.3 - 7.4 V

**Float Use**

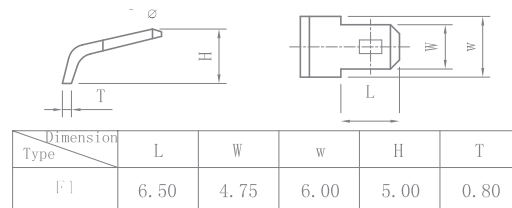
Control Voltage	6.8 - 6.9 V
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**Physical Dimensions: in (mm)**

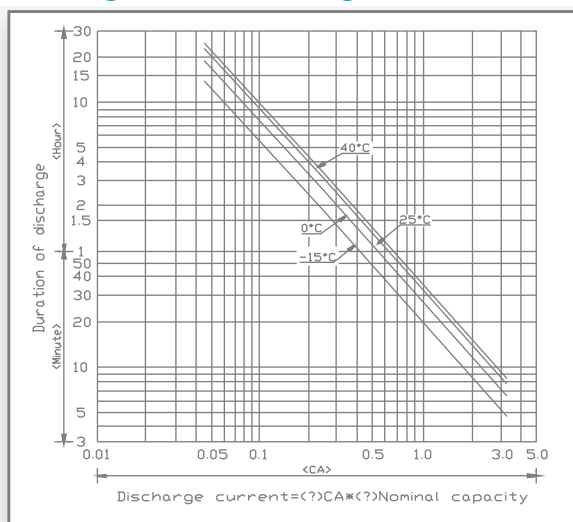


**L:** 5.28in (134 mm)  
**W:** 1.34in (34 mm)  
**H:** 2.44in (62 mm)  
**TH:** 2.64in (67 mm)  
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

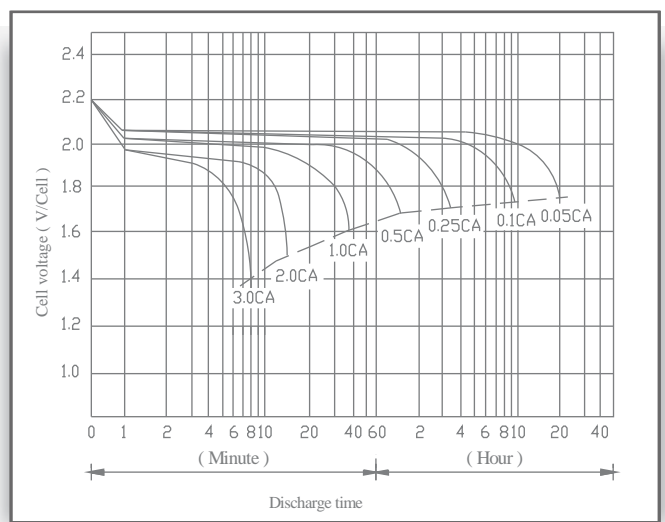
**Terminals**



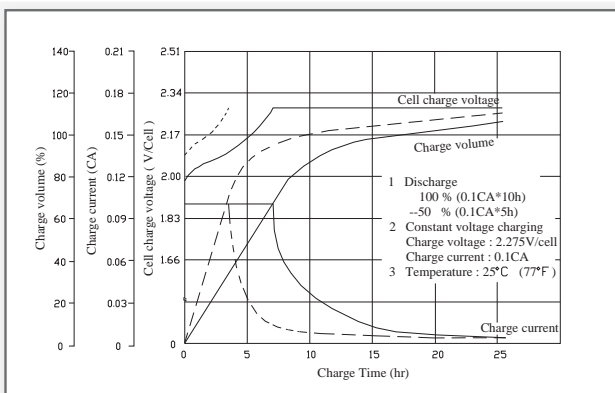
**Discharge Time vs. Discharge Current**



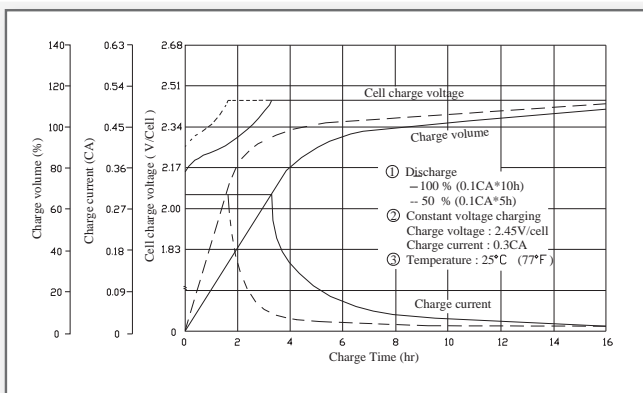
**Discharge Characteristics**



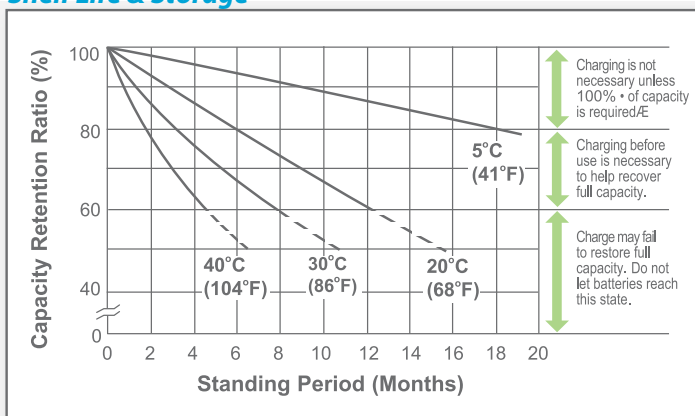
### Battery Charging Characteristics for Standby Use



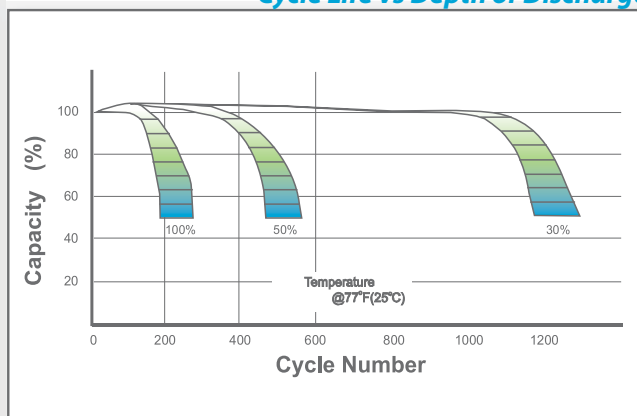
### Battery Charging Characteristics for Cyclic Use



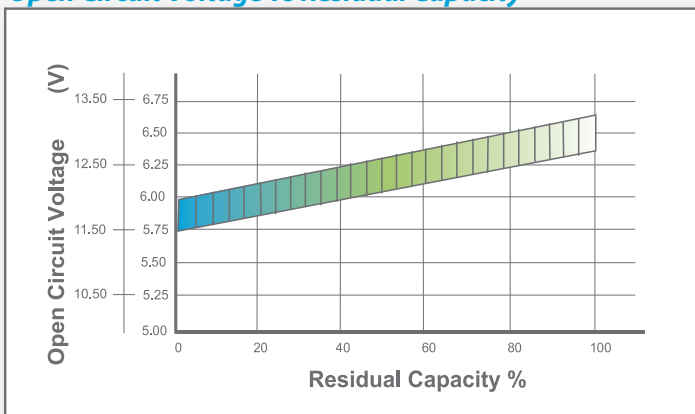
### Shelf Life & Storage



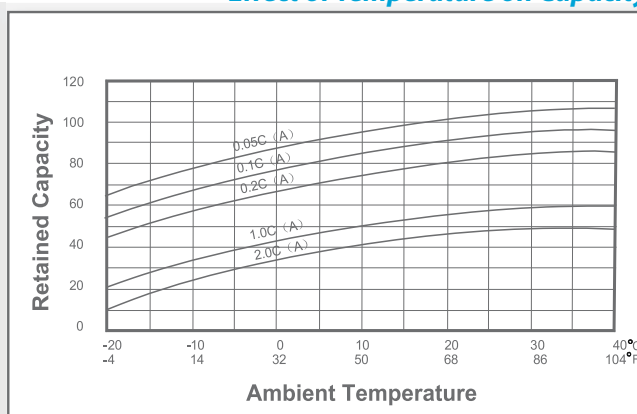
### Cycle Life vs Depth of Discharge



### Open Circuit Voltage vs Residual Capacity



### Effect of Temperature on Capacity



### Charge Current & Final Discharge Voltage

Application	Charge Voltage(V/Cell)			Max.Charge Current	Final Discharge Voltage V/Cell	1.75	1.70	1.60	1.30
	Temperature	Set Point	Allowable Range						
Cycle Use	25°C(77°F)	2.45	2.40-2.50	0.30C	Discharge	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C
Standby	25°C(77°F)	2.30	2.27-2.30		Current(A)				



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