

## Specification

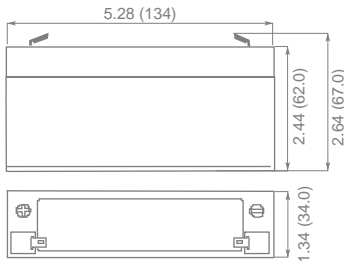
<b>Nominal Voltage</b>	6 volts		
<b>Nominal Capacity</b>	77° F (25° C)		
20-hr. (0.17A)	3.40 Ah		
10-hr. (0.32A)	3.16 Ah		
5-hr. (0.58A)	2.89 Ah		
1-hr. (2.04A)	2.04 Ah		
<b>Approximate Weight</b>	1.52 lbs (0.69 kg)		
<b>Internal Resistance (approx.)</b>	38mΩ		
<b>Shelf Life (% of normal capacity at 68° F (20° C))</b>			
3 Months	6 Months	12 Months	
91%	82%	64%	
<b>Temperature Dependency of Capacity (20 hour rate)</b>			
104° F (40°C)	77° F (25°C)	32° F (0°C)	5° F (-15°C)
102%	100%	85%	65%
<b>AGM Operational Temperature</b>			
Charge	32°F to 104°F (0°C to 40°C)		
Discharge	5°F to 113°F (-15°C to 45°C)		
<b>AGM Storage Temperature</b>	5°F to 104°F (-15°C to 40°C)		



Due to continuous improvements to our products, product may vary slightly from depiction.

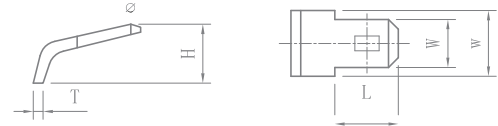
<b>Charge Method (Constant Voltage)</b>		
<b>Cycle Use (Repeating Use)</b>		
Initial Current	1.02 A or smaller	
Control Voltage	7.3 - 7.4 V	
<b>Float Use</b>		
Control Voltage	6.8 - 6.9 V	

## Physical Dimensions: in (mm)



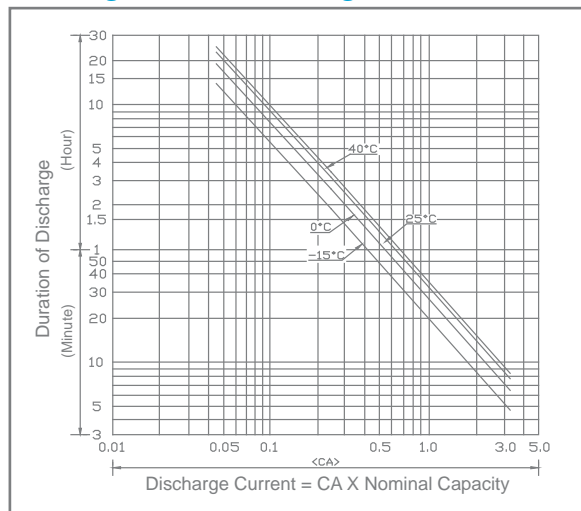
**L:** 5.28in (134 mm)  
**W:** 1.34 in (34.0 mm)  
**H:** 2.44 in (62.0 mm)  
**TH:** 2.64 in (67.0 mm)  
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

## Terminals

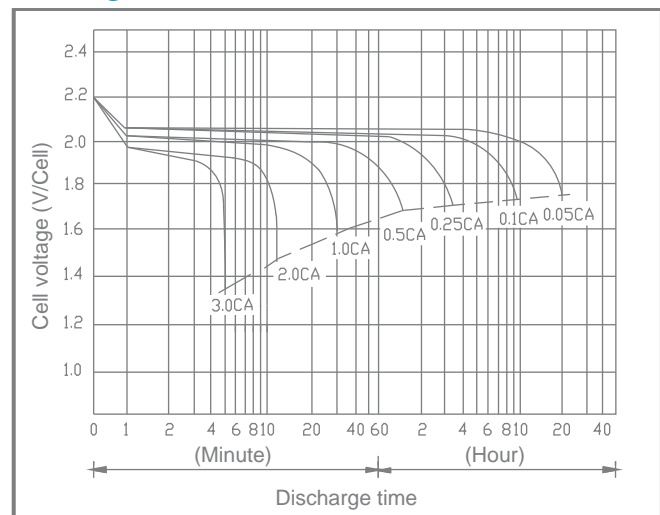


Dimension Type	L	W	w	H	T
F1	6.50	4.75	6.00	5.00	0.80

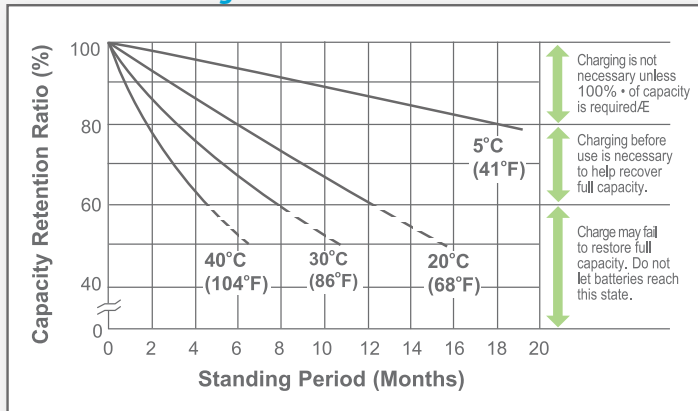
## Discharge Time vs. Discharge Current



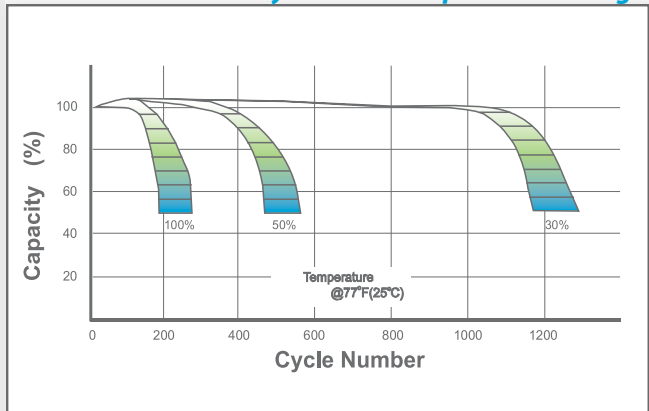
## Discharge Characteristics



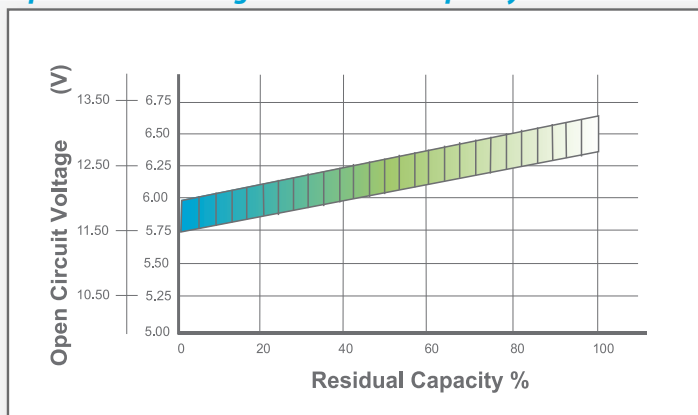
### Shelf Life & Storage



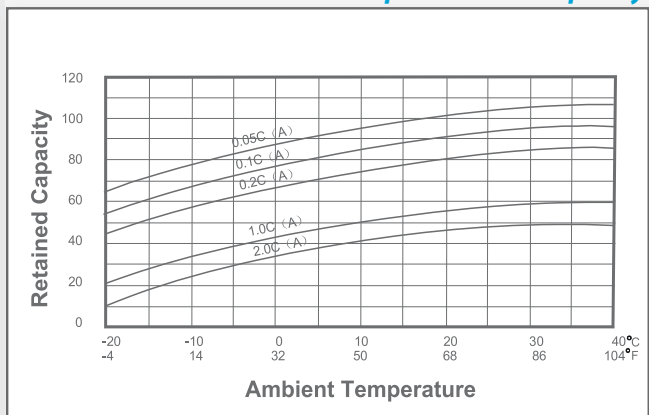
### Cycle Life vs Depth of Discharge



### 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	2.43~2.47	0.30C	Discharge Current(A)	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C
Standby	25°C(77°F)	2.28	2.27~2.30						



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