

**Specification**

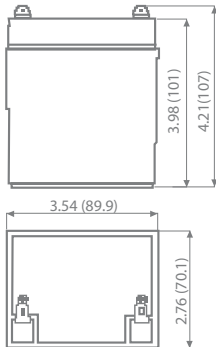
<b>Nominal Voltage</b>	12 volts		
<b>Nominal Capacity</b>	77° F (25° C)		
20-hr. (0.25A)	5.00 Ah		
10-hr. (0.47A)	4.65 Ah		
5-hr. (0.85A)	4.25 Ah		
1-hr. (3.00A)	3.00 Ah		
<b>Approximate Weight</b>	3.09 lbs (1.4 kg)		
<b>Internal Resistance (approx.)</b>	32mΩ		
<b>Shelf Life (% of normal capacity at 68° F (20° C))</b>			
3 Months	6 Months	12 Months	
91%	83%	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.

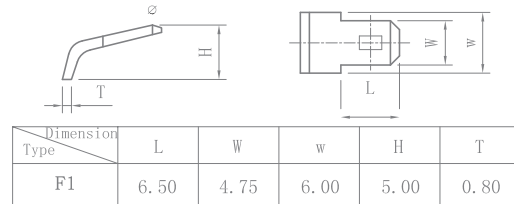
<b>Charge Method (Constant Voltage)</b>		
<b>Cycle Use (Repeating Use)</b>		
Initial Current	1.5 A or smaller	
Control Voltage	14.6 - 14.8 V	
<b>Float Use</b>		
Control Voltage	13.6 - 13.8 V	

**Physical Dimensions: in (mm)**

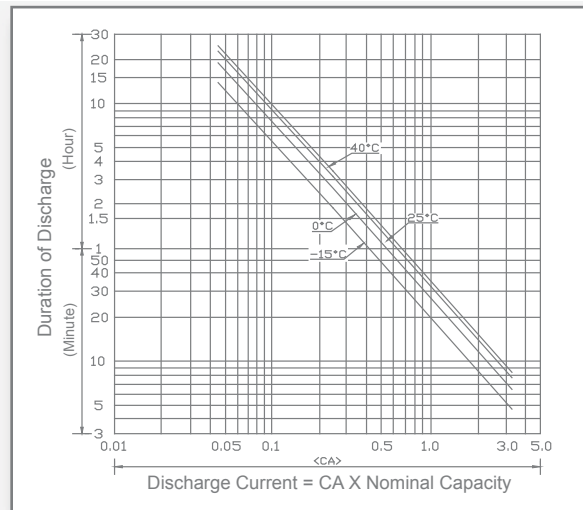


**L:** 3.54 in (89.9 mm)  
**W:** 2.76 in (70.1 mm)  
**H:** 3.98 in (101 mm)  
**TH:** 4.21 in (107 mm)  
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

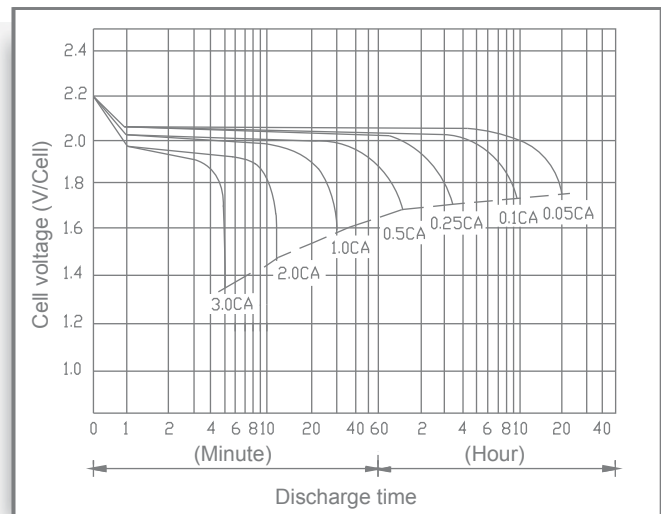
**Terminals**



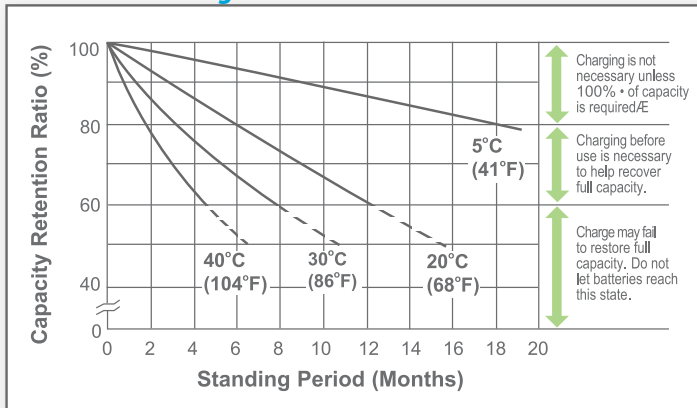
**Discharge Time vs. Discharge Current**



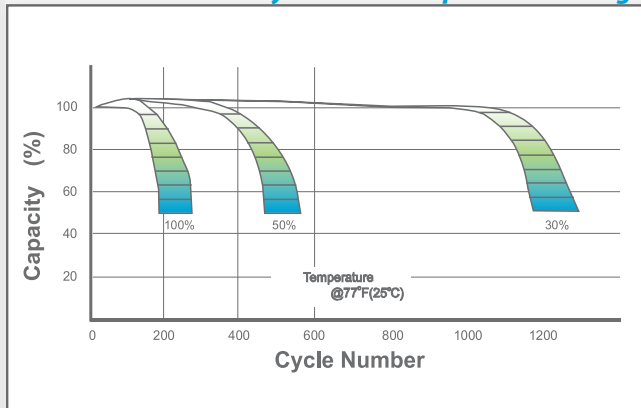
**Discharge Characteristics**



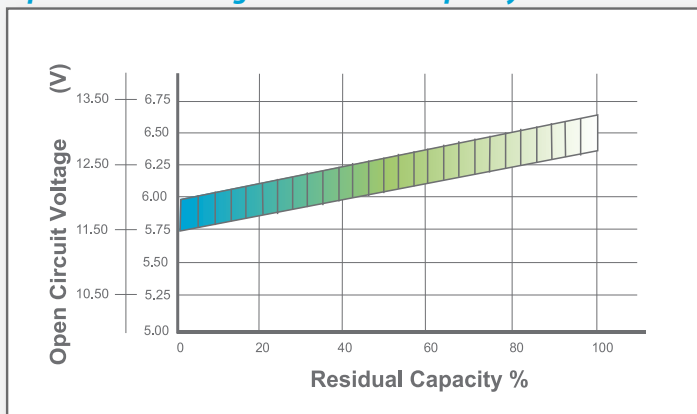
### Shelf Life & Storage



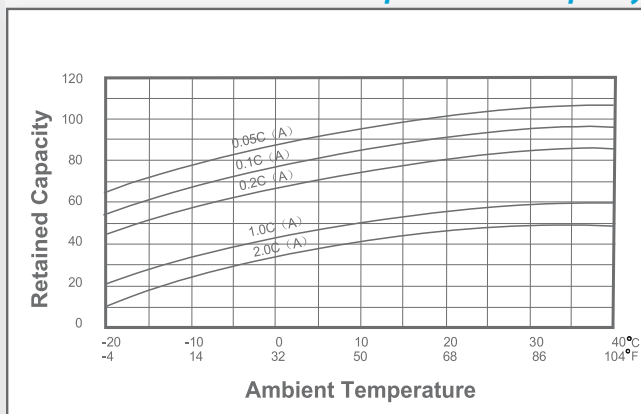
### Cycle Life vs Depth of Discharge



### 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	0.30°C	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						