

## Specification

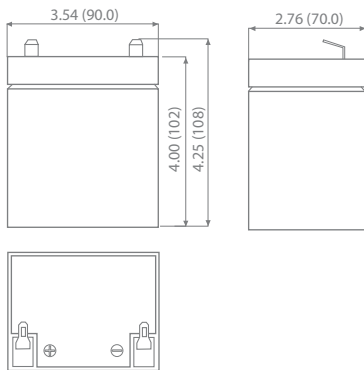
<b>Nominal Voltage</b>	12 volts	
<b>Nominal Capacity</b>	77° F (25° C)	
20-hr. (0.20A)	4.00 Ah	
10-hr. (0.372A)	3.72 Ah	
5-hr. (0.68A)	3.40 Ah	
1-hr. (2.40A)	2.40 Ah	
<b>Approximate Weight</b>	2.82 lbs (1.28 kgs)	
<b>Internal Resistance (approx.)</b>	45mΩ	
<b>Shelf Life (% of normal capacity at 68° F (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	1.2 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)

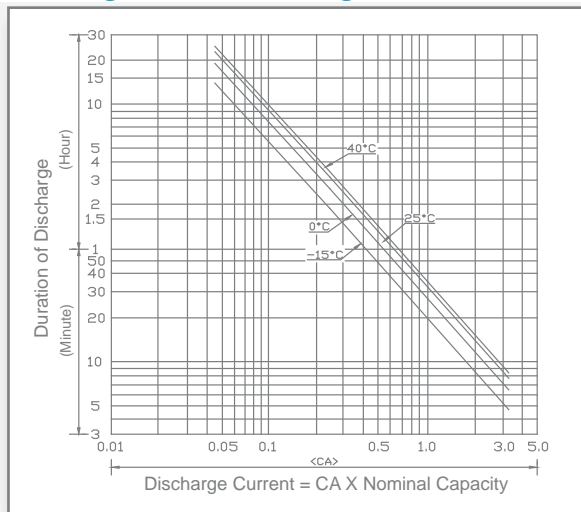


**L:** 3.54 in (90.0 mm)  
**W:** 2.76 in (70.0 mm)  
**H:** 4.00 in (102 mm)  
**TH:** 4.25 in (108 mm)  
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

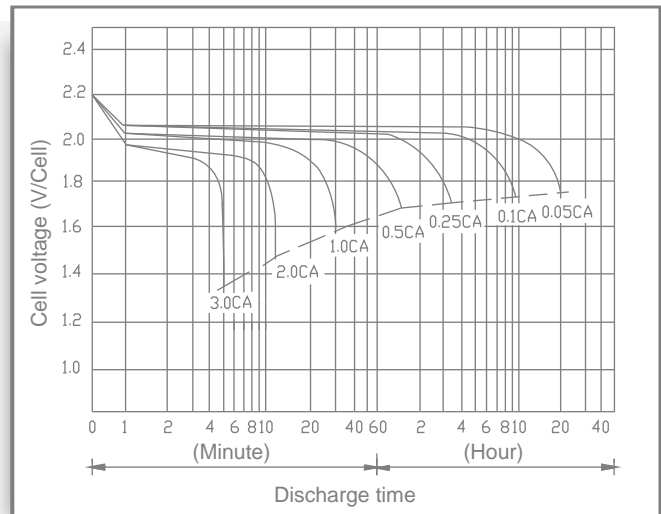
## Terminals

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

## Discharge Time vs. Discharge Current

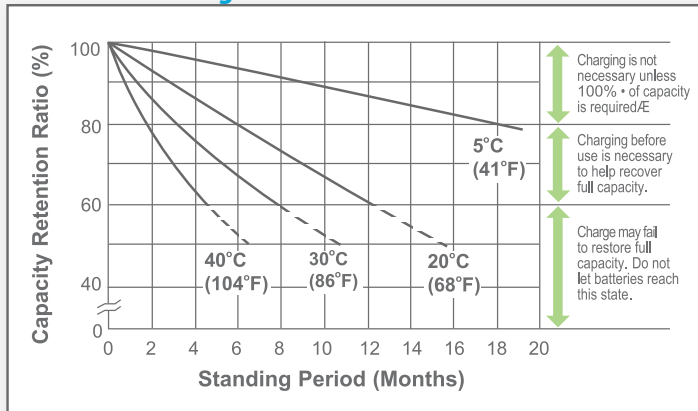


## Discharge Characteristics

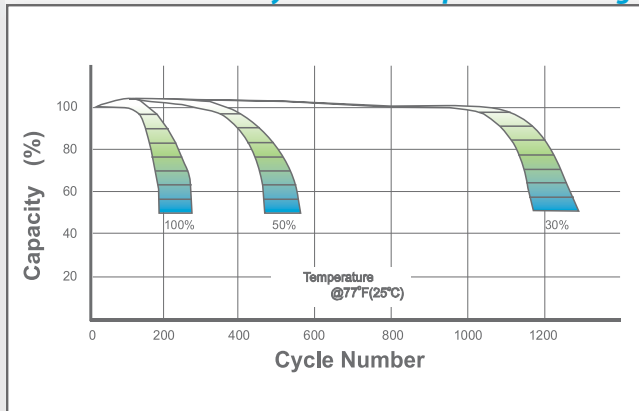


ISO 9001

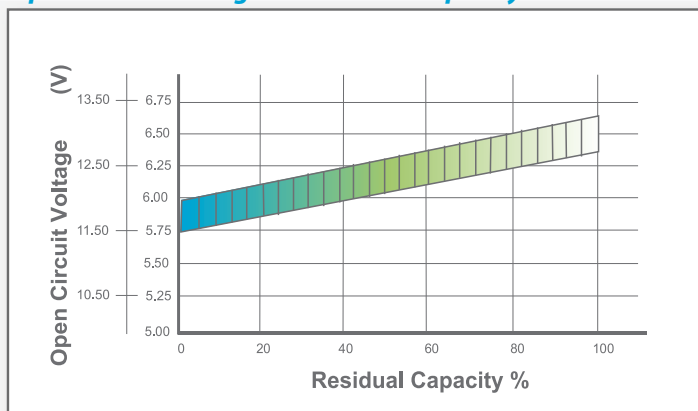
### Shelf Life & Storage



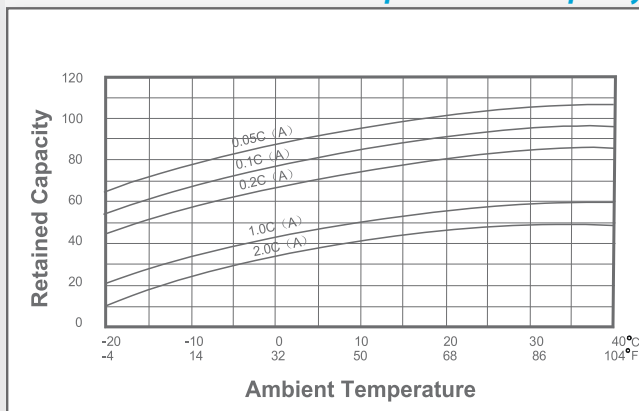
### Cycle Life vs Depth of Discharge



### 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	Discharge Current (A)	Final Discharge Voltage V/Cell	Discharge Current (A)	Final Discharge Voltage V/Cell	Discharge Current (A)
	Temperature	Set Point	Allowable Range							
Cycle Use	25°C (77°F)	2.45	2.43-2.47	0.30C	1.75	0.2C > (A)	1.70	0.2C < (A) < 0.5C	1.60	0.5C < (A) < 1.0C
Standby	25°C (77°F)	2.28	2.27-2.30		1.30	(A) > 1.0C				