

Specification

Nominal Voltage		6 volts	
Nominal Capacity		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	
Approximate Weight		1.52 lbs (0.69 kg)	
Internal Resistance (approx.)		38mΩ	
Shelf Life (% of normal capacity at 68° F (20° C)			
3 Months	6 Months	12 Months	
91%	82%	64%	
Temperature Dependency of Capacity		(20 hour rate)	
104° F (40°C)	77° F (25°C)	32° F (0°C)	5° F (-15°C)
102%	100%	85%	65%
AGM Operational Temperature			
Charge		32°F to 104°F (0°C to 40°C)	
Discharge		5°F to 113°F (-15°C to 45°C)	
AGM Storage Temperature		5°F to 104°F (-15°C to 40°C)	



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

Charge Method (Constant Voltage)

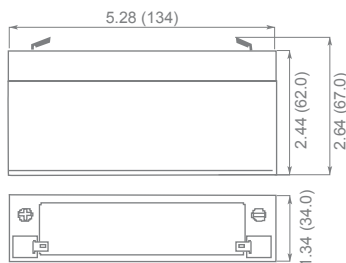
Cycle Use (Repeating Use)

Initial Current	1.02 A or smaller
Control Voltage	7.3 - 7.4 V

Float Use

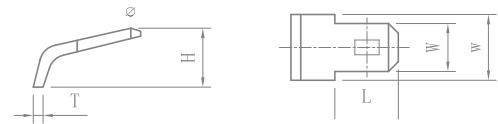
Control Voltage	6.8 - 6.9 V
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Physical Dimensions: in (mm)



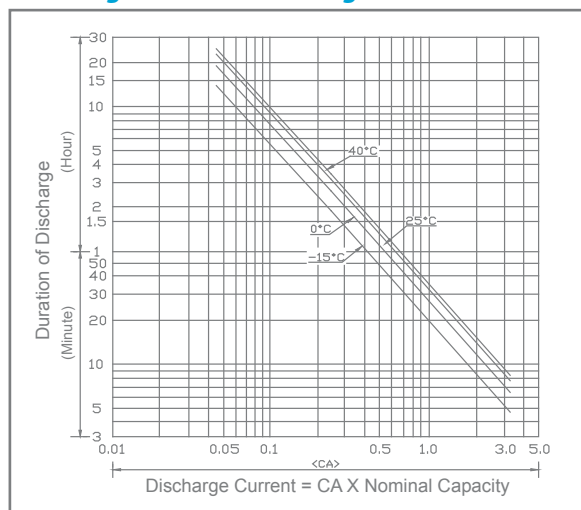
L: 5.28in (134 mm)
W: 1.34 in (34.0 mm)
H: 2.44 in (62.0 mm)
TH: 2.64 in (67.0 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

Terminals

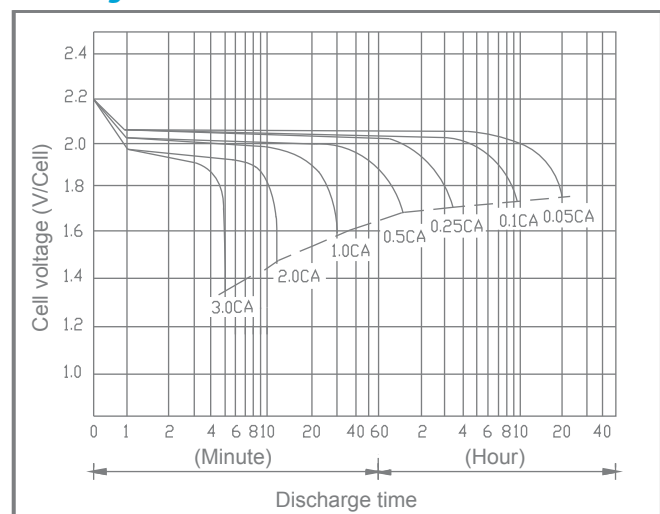


Dimension Type	L	W	w	H	T
F1	6.50	4.75	6.00	5.00	0.80

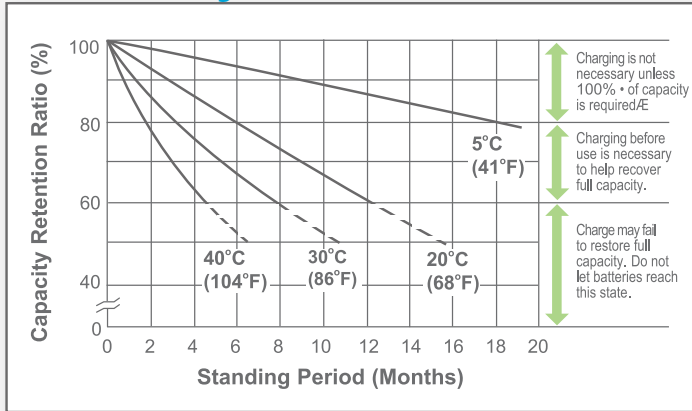
Discharge Time vs. Discharge Current



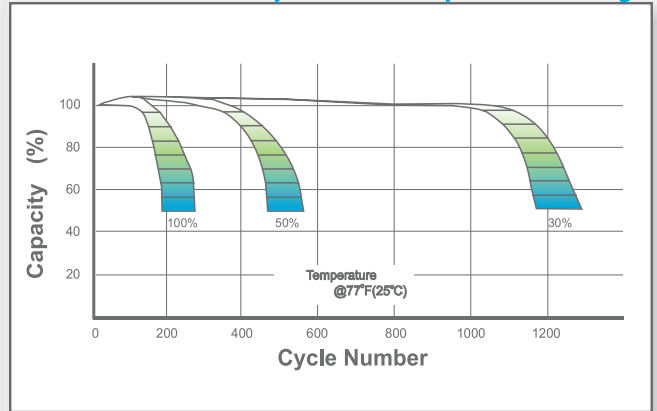
Discharge Characteristics



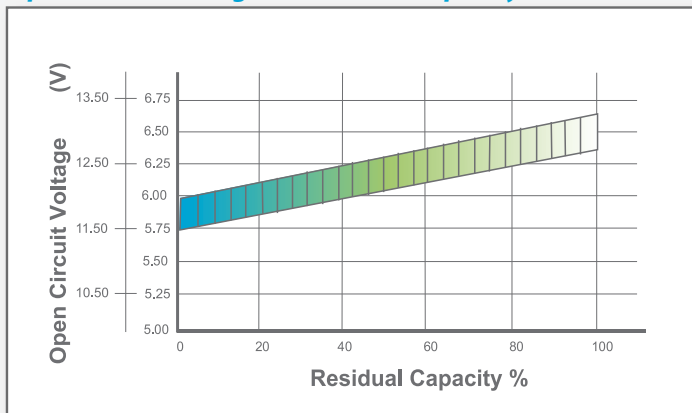
Shelf Life & Storage



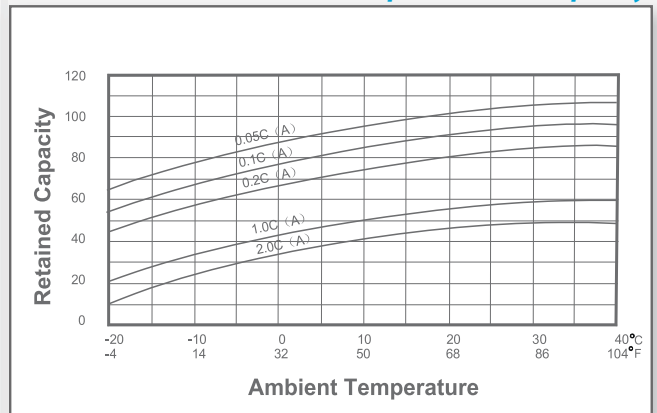
Cycle Life vs Depth of Discharge



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		Discharge Current(A)	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C
Cycle Use	25°C(77°F)	2.45	2.43~2.47	0.30C					
Standby	25°C(77°F)	2.28	2.27~2.30						