

Specification

Nominal Voltage	6 volts		
Nominal Capacity	77° F (25° C)		
20-hr. (0.16A)	3.20 Ah		
10-hr. (0.30A)	2.98 Ah		
5-hr. (0.54A)	2.72 Ah		
1-hr. (1.92A)	1.92 Ah		
Approximate Weight	1.28 lbs (0.58 kgs)		
Internal Resistance (approx.)	30 mΩ		
Shelf Life (% of normal capacity at 68° F (20° C))			
3 Months	6 Months	12 Months	
91%	83%	64%	
Temperature Dependency of Capacity (20 hour rate)			
104° F	77° F	32° F	5° F
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)

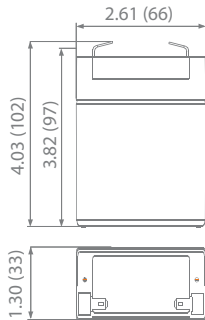
Cycle Use (Repeating Use)

Initial Current	.96 A or smaller
Control Voltage	7.3 - 7.4 V

Float Use

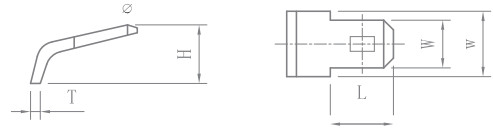
Control Voltage	6.8 - 6.9 V
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Physical Dimensions: in (mm)



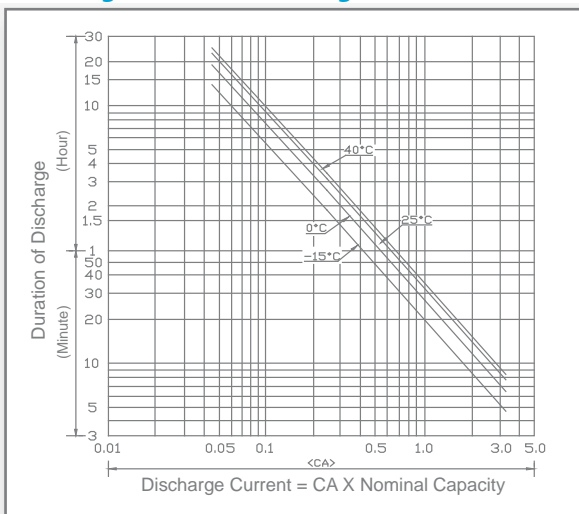
L: 2.61in (66mm)
W: 1.30in (33mm)
H: 3.82in (97mm)
TH: 4.03in (102mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

Terminals

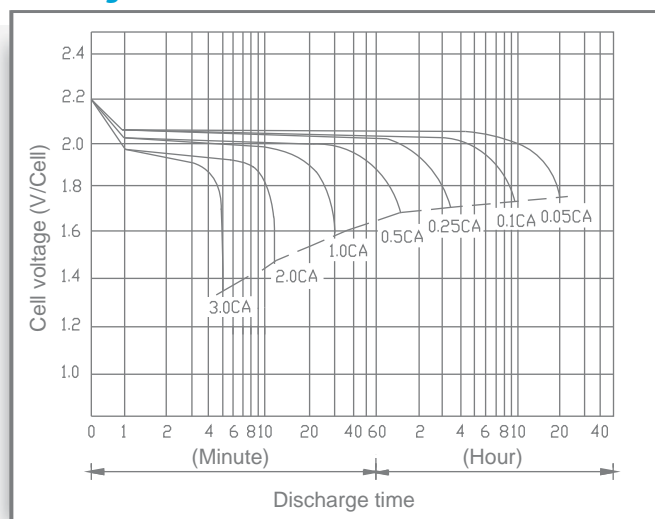


Dimension Type	L	W	w	H	T
F1	6.35	4.45	6.00	6.00	0.80

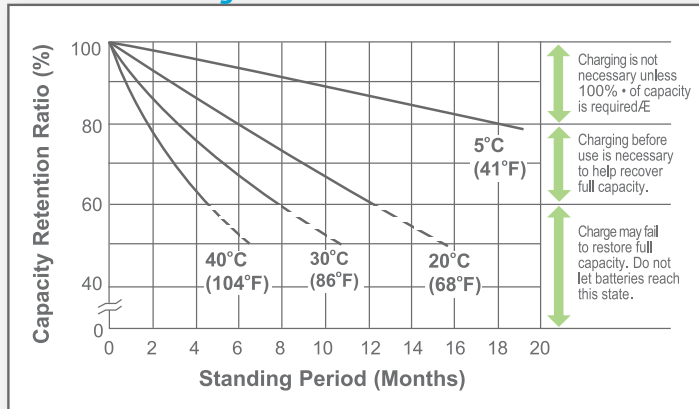
Discharge Time vs. Discharge Current



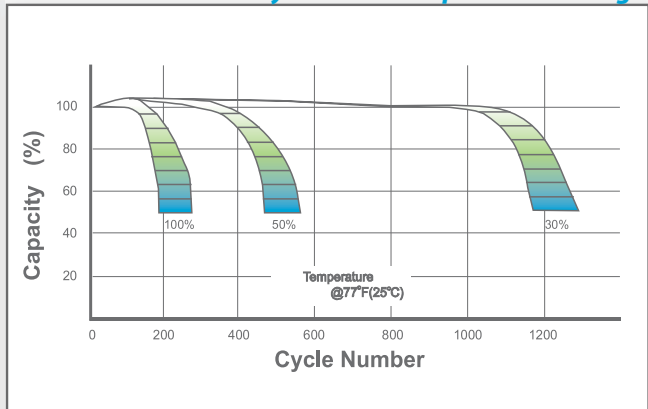
Discharge Characteristics



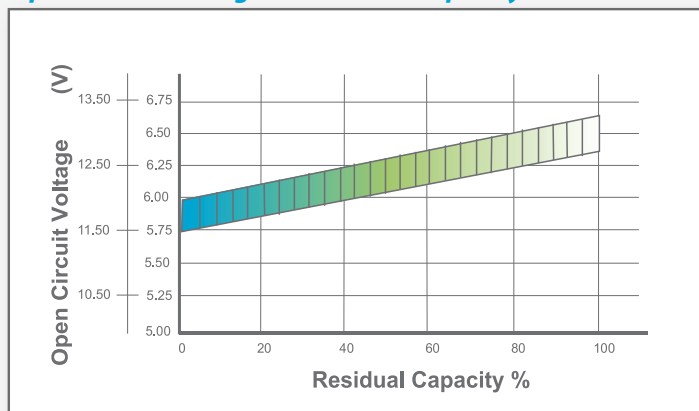
Shelf Life & Storage



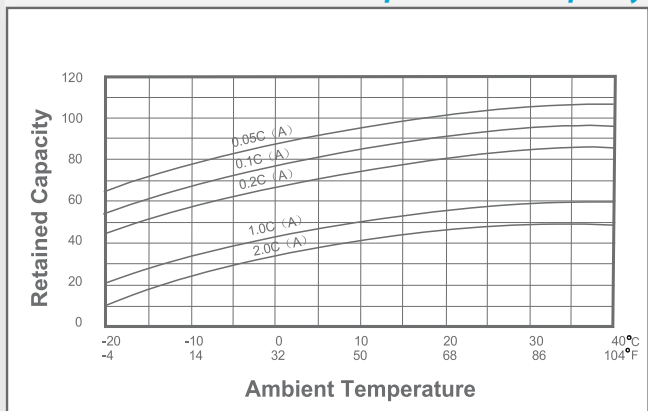
Cycle Life vs Depth of Discharge



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	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				



ISO 9001 :2008

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