

Specification

Nominal Voltage		12 volts	
Nominal Capacity		77° F (25° C)	
20-hr.	(0.40A)	8.00 Ah	
10-hr.	(0.74A)	7.44 Ah	
5-hr.	(1.36A)	6.80 Ah	
1-hr.	(4.80A)	4.80 Ah	
Approximate Weight		4.96 lbs (2.25 kgs)	
Internal Resistance (approx.)		23mΩ	
Shelf Life (% of normal capacity at 68° F (20° C)			
3 Months		6 Months	
91%		83%	
		12 Months	
		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)

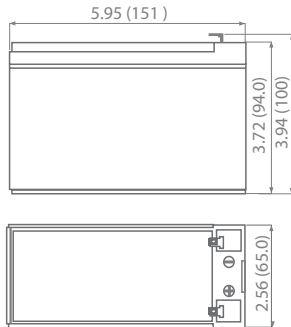
Cycle Use (Repeating Use)

Initial Current	2.4 A or smaller
Control Voltage	14.6 - 14.8 V

Float Use

Control Voltage	13.6 - 13.8 V
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Physical Dimensions: in (mm)

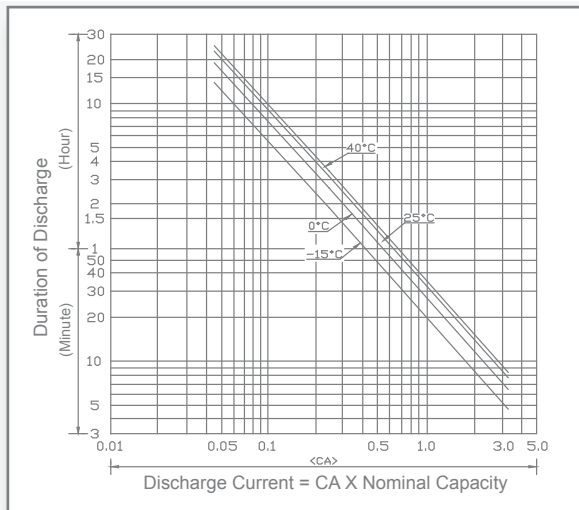


L: 5.95 in (151 mm)
W: 2.56 in (65.0 mm)
H: 3.72 in (94.0 mm)
TH: 3.94 in (100 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

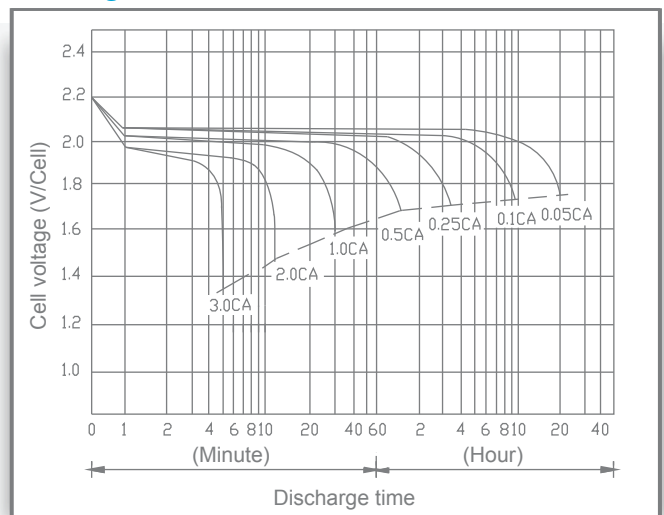
Terminals

Dimension	L	W	w	H	T
Type					
F2	7.80	6.35	7.80	6.00	0.80

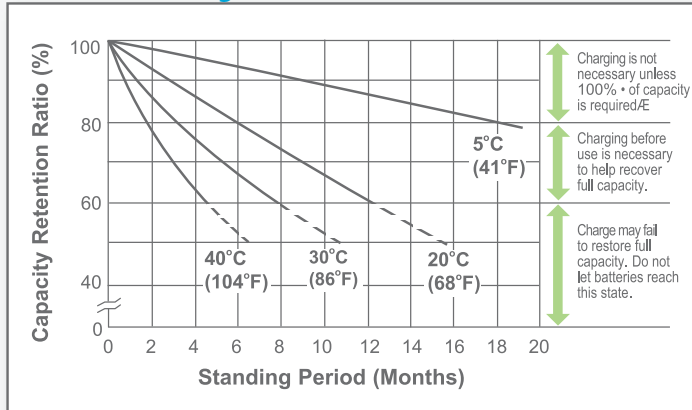
Discharge Time vs. Discharge Current



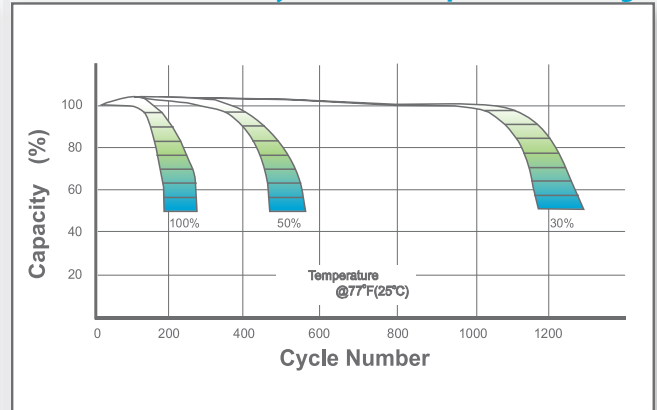
Discharge Characteristics



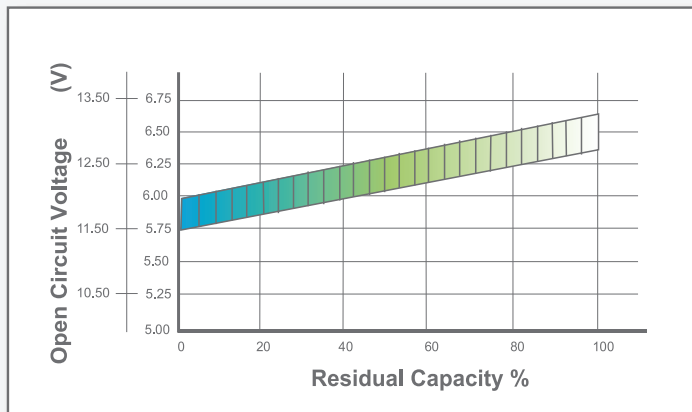
Shelf Life & Storage



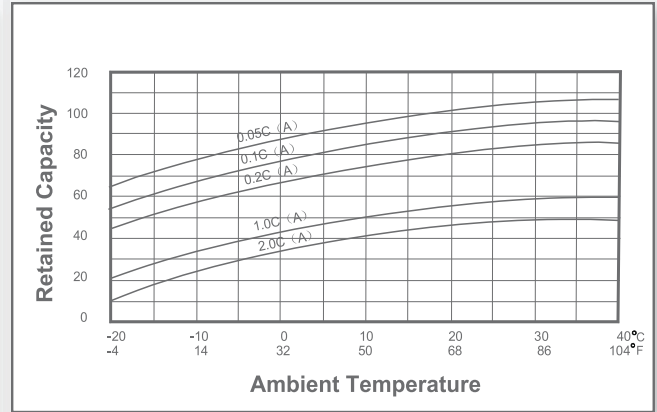
Cycle Life vs Depth of Discharge



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	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)	2.30	2.27~2.30						