

Specification

Nominal Voltage		12 volts	
Nominal Capacity		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	
Approximate Weight		3.09 lbs (1.4 kgs)	
Internal Resistance (approx.)		32mΩ	
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 (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)

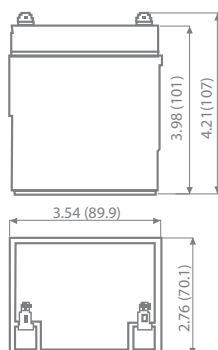
Cycle Use (Repeating Use)

Initial Current	1.5 A or smaller
Control Voltage	14.6 - 14.8 V

Float Use

Control Voltage	13.6 - 13.8 V
-----------------	---------------

Physical Dimensions: in (mm)

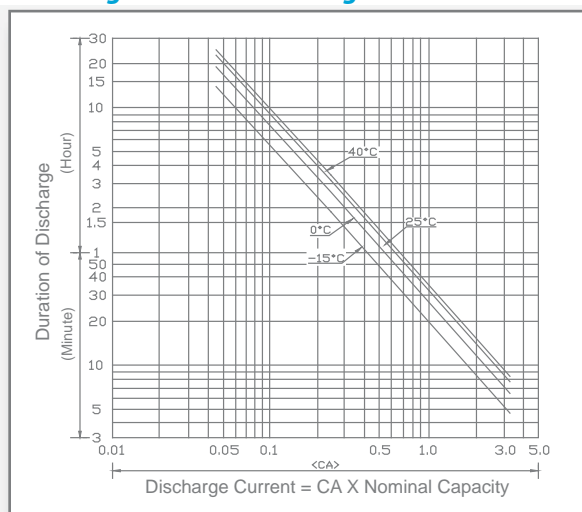


L: 3.54 in (89.9 mm)
W: 2.76 in (70.1 mm)
H: 3.98 in (101 mm)
TH: 4.21 in (107 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

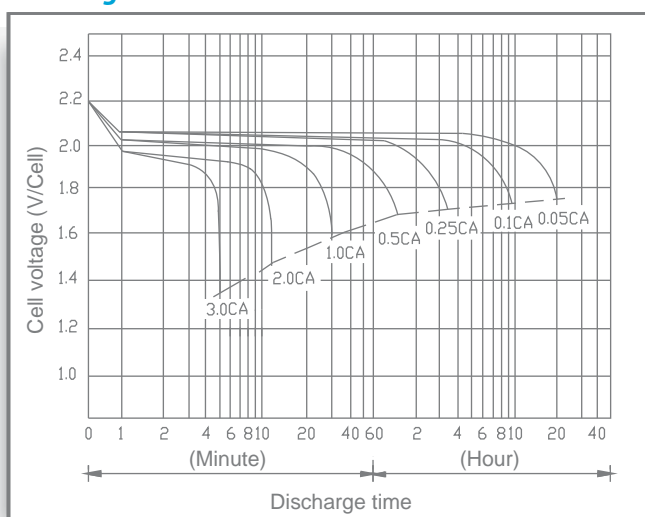
Terminals

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

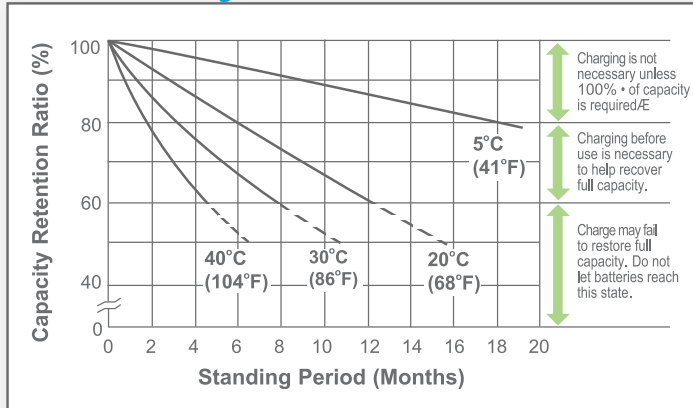
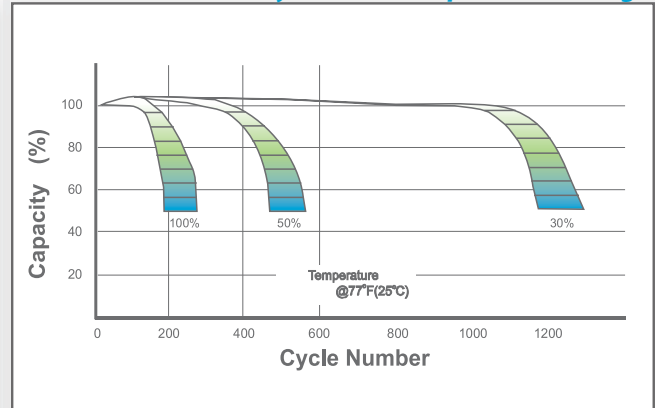
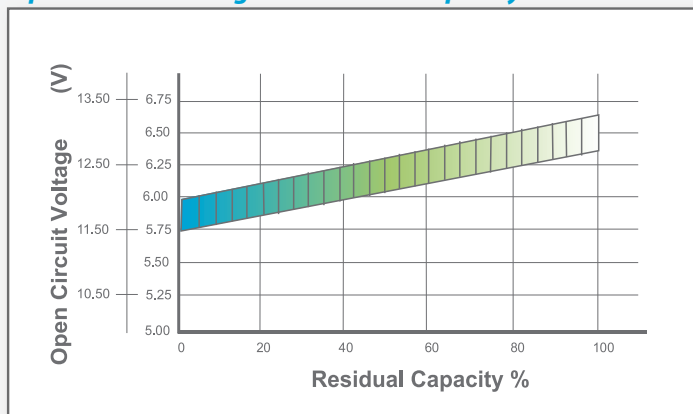
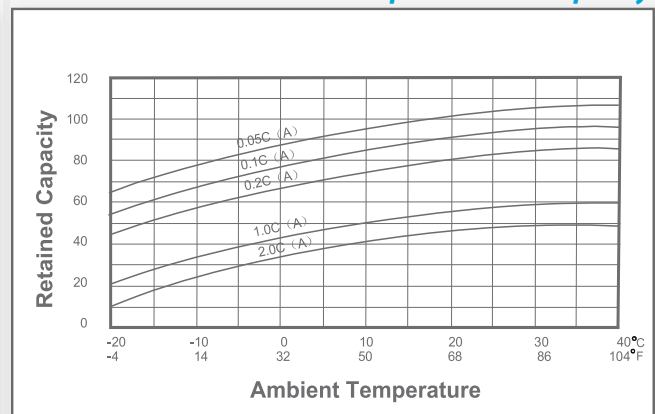
Discharge Time vs. Discharge Current



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	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						