

Specification

Nominal Voltage	6 volts		
Nominal Capacity	77° F (25° C)		
20-hr. (0.23A)	4.50 Ah		
10-hr. (0.42A)	4.19 Ah		
5-hr. (0.77A)	3.83 Ah		
1-hr. (2.70A)	2.70 Ah		
Approximate Weight	1.59 lbs (0.7 kg)		
Internal Resistance (approx.)	28mΩ		
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)

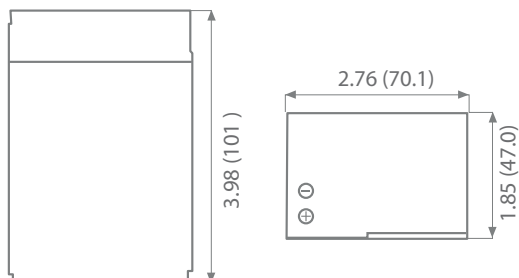
Cycle Use (Repeating Use)

Initial Current	1.35 A or smaller
Control Voltage	7.3 - 7.4 V

Float Use

Control Voltage	6.8 - 6.90V
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Physical Dimensions: in (mm)



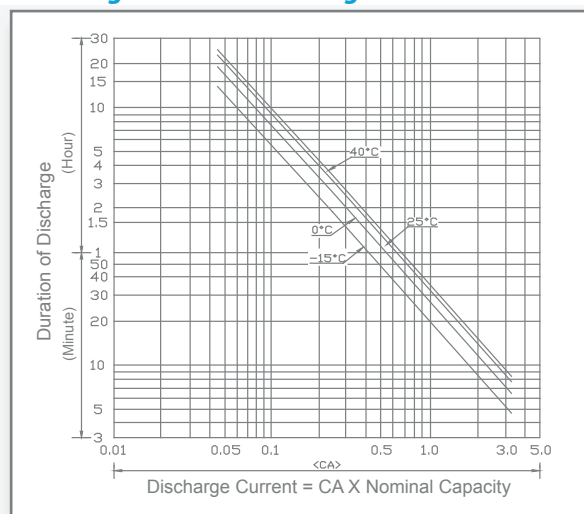
- L:** 2.76 in (70.1 mm)
- W:** 1.85 in (47.0 mm)
- H:** 3.98 in (101 mm)
- TH:** 3.98 in (101 mm)

Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

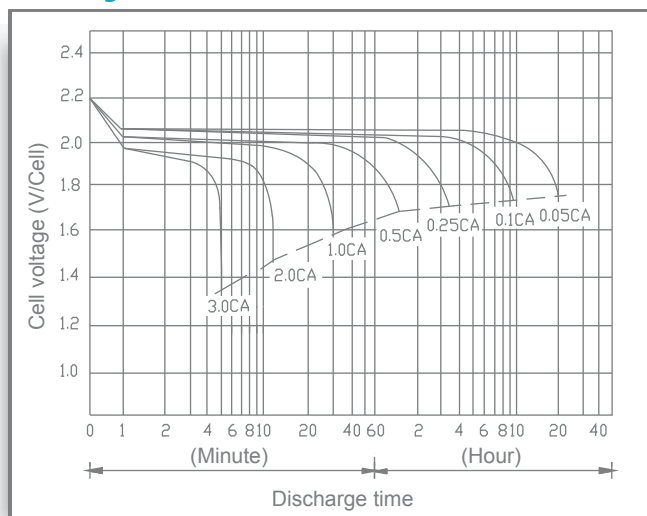
Terminals

6.5" Wire Lead

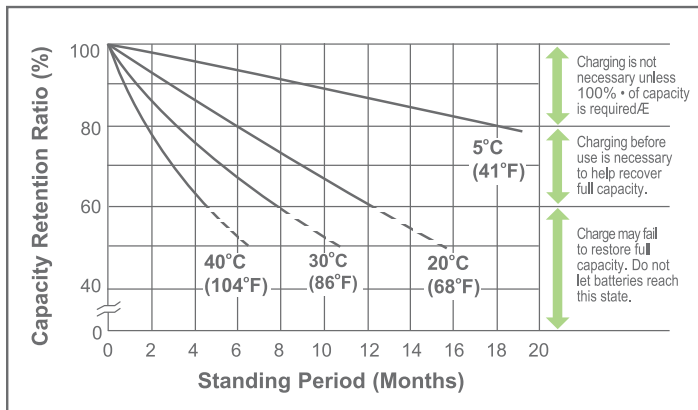
Discharge Time vs. Discharge Current



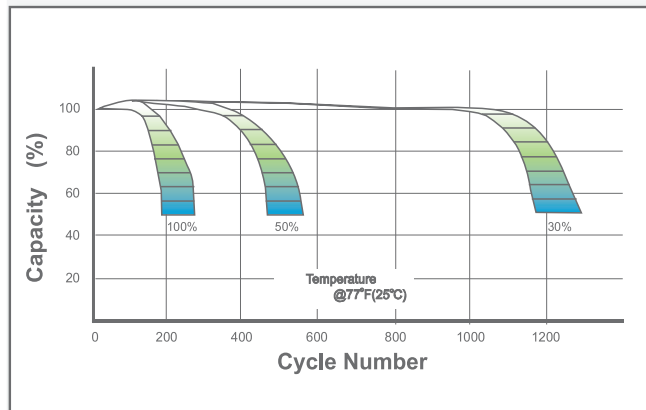
Discharge Characteristics



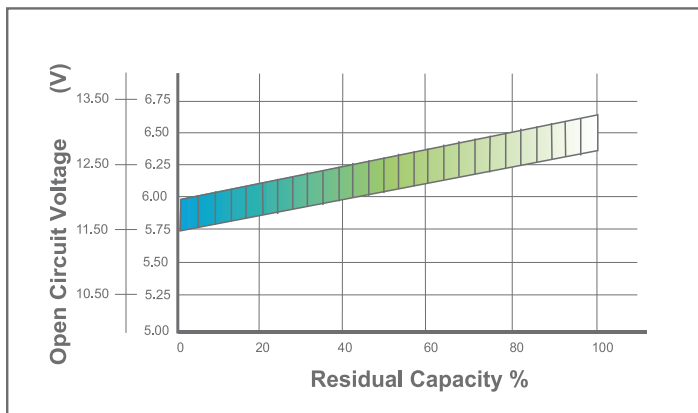
Shelf Life & Storage



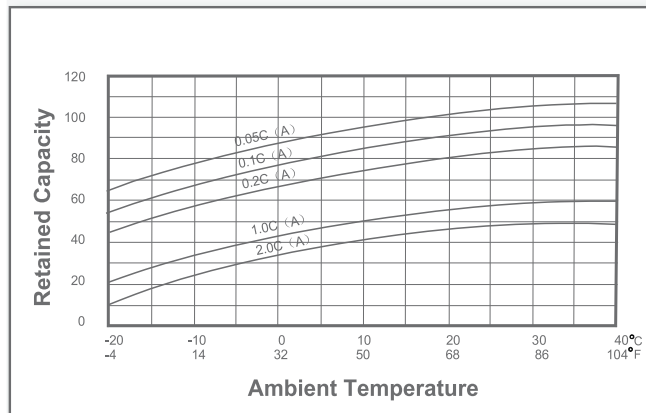
Cycle Life vs Depth of Discharge



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	0.30C	1.75	1.70	1.60	1.30	
Standby	25°C (77°F)	2.28	2.27~2.30						