

Specification

Nominal Voltage		12 volts	
Nominal Capacity		77° F (25° C)	
20-hr. (0.04 A)		0.80 Ah	
10-hr. (0.07 A)		0.74 Ah	
5-hr. (0.14 A)		0.68 Ah	
1-hr. (0.52 A)		0.52 Ah	
Approximate Weight		0.75 lbs (0.3 kgs)	
Internal Resistance (approx.)		200mΩ	
Shelf Life (% of normal capacity at 77° F (25° C))			
3 Months	6 Months	12 Months	
91%	82%	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)	



Charge Method (Constant Voltage)

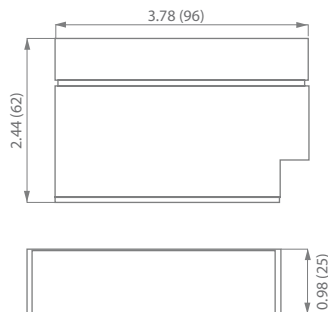
Cycle Use (Repeating Use)

Initial Current	0.24A or smaller
Control Voltage	14.6 - 14.8

Float Use

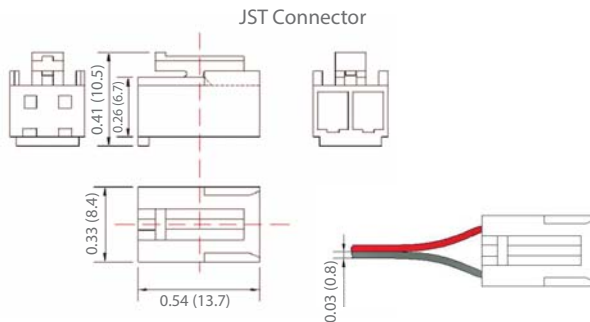
Control Voltage	13.6 - 13.8
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Physical Dimensions: in (mm)

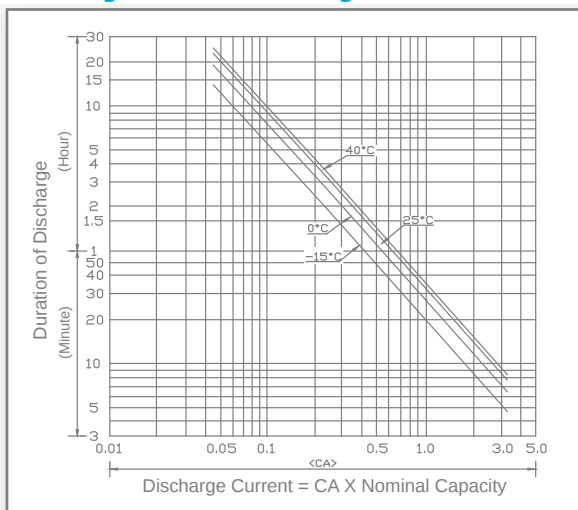


L: 3.78in (96.0 mm)
W: 0.98in (24.9 mm)
H: 2.44in (62.0 mm)
TH: 2.44in (62.0 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

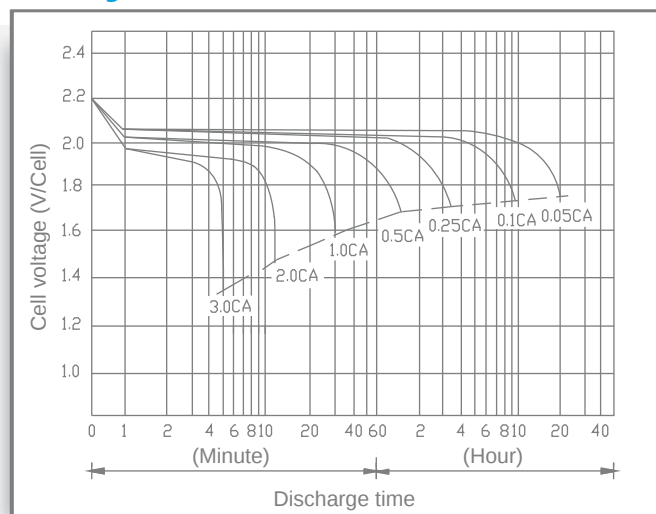
Terminals



Discharge Time vs. Discharge Current



Discharge Characteristics



ISO 9001 :2008

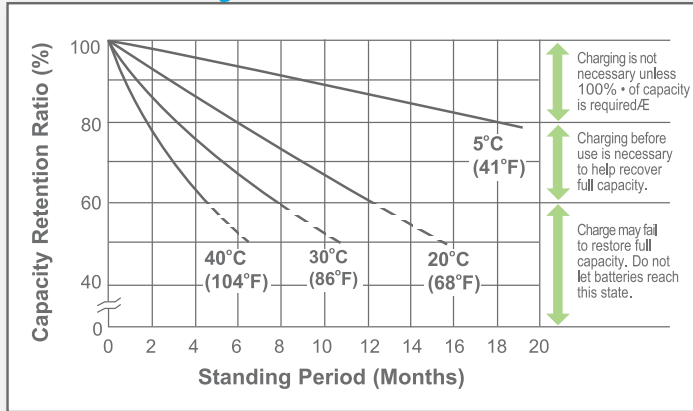
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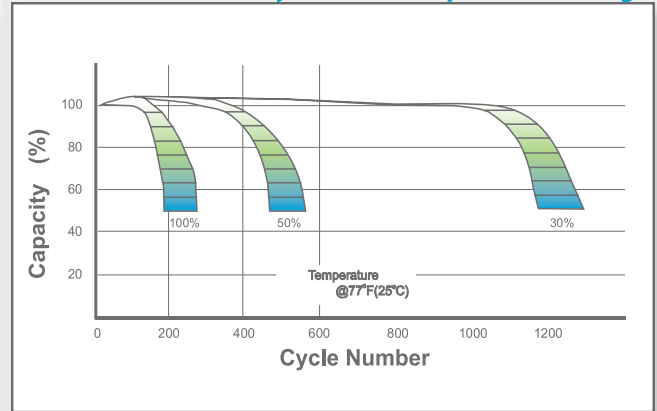
488 S. Royal Lane | Coppell, Texas 75019 | P 469.892.1122 | T 866.892.1122 | F 469.892.1123 | sales@upgi.com

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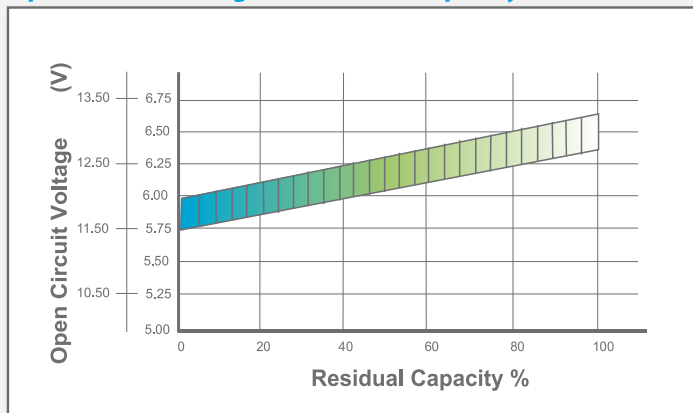
Shelf Life & Storage



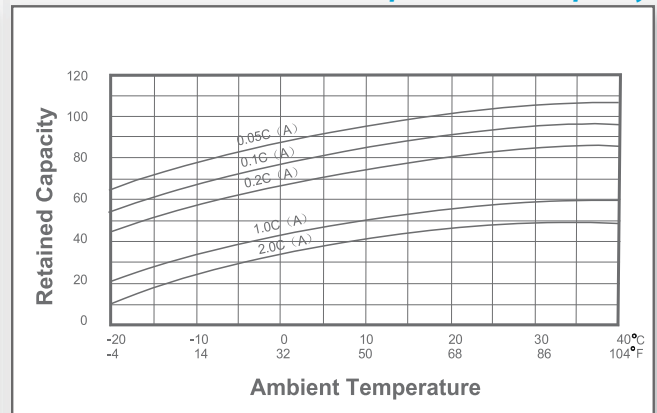
Cycle Life vs Depth of Discharge



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	2.40~2.47	0.30C					
Standby	25°C(77°F)	2.28	2.27~2.30						