

Absorbant Glass Mat (AGM) technology for superior performance. Valve regulated, spill proof construction allows safe operation in any position. Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified. U.L. recognized under file number MH 20567.

Specification

Nominal Voltage		12 volts (6 cells)
Nominal Capacity		
20-hr. (0.17A)		3.40 Ah
10-hr. (0.32A)		3.16 Ah
5-hr. (0.58A)		2.89 Ah
1-hr. (2.04A)		2.04 Ah
Approximate Weight		3.02 lbs (1.37 kgs)
Internal Resistance (approx.)		37mΩ
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)
102%	100%	85%
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)

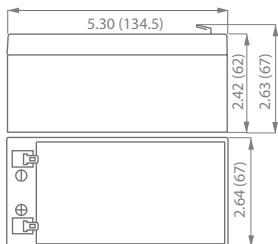
Cycle Use (Repeating Use)

Initial Current	1A max.
Control Voltage	14.6 - 14.8 V

Float Use

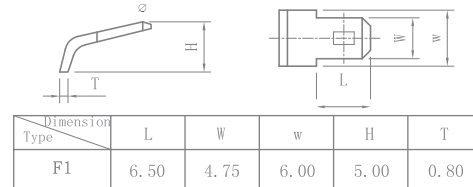
Control Voltage	13.6 - 13.8 V
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Physical Dimensions: in (mm)

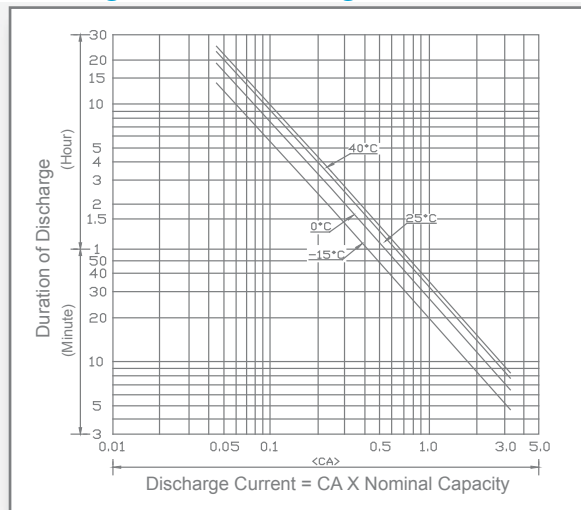


L: 5.30in (134.5 mm)
W: 2.64in (67 mm)
H: 2.42in (62 mm)
TH: 2.63in (66.8 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

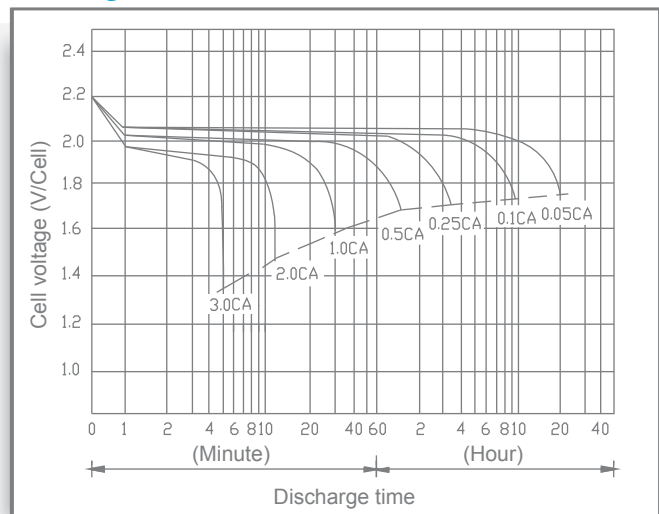
Terminals

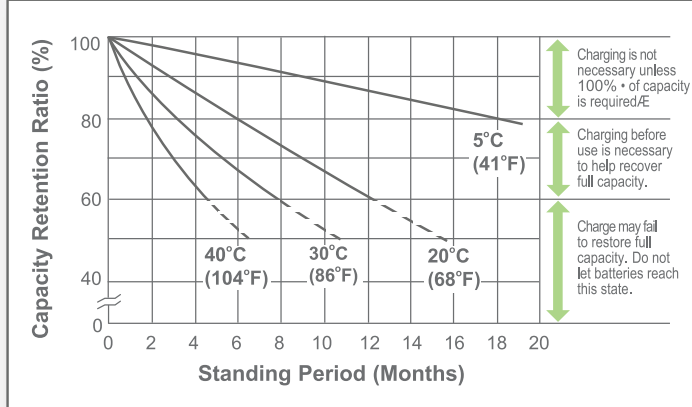
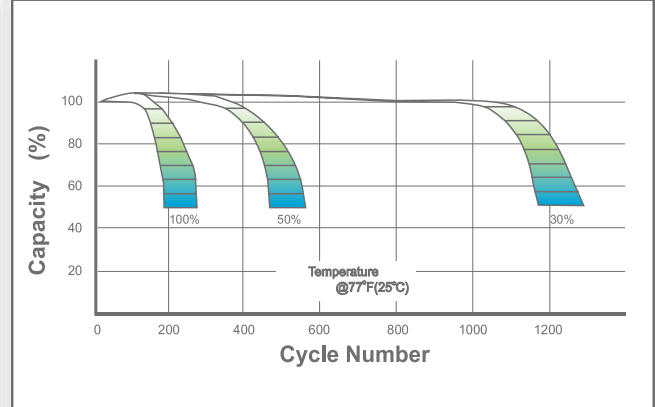
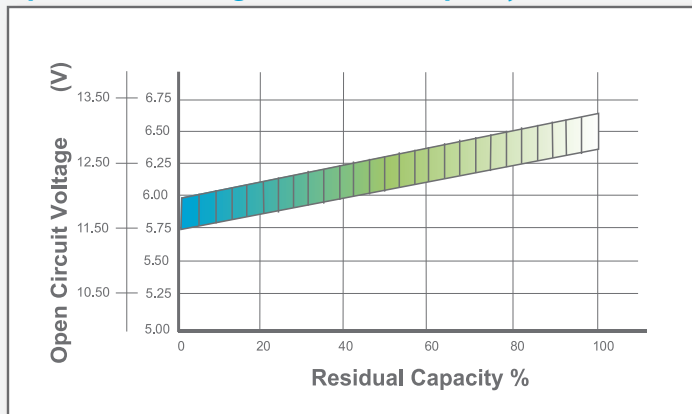
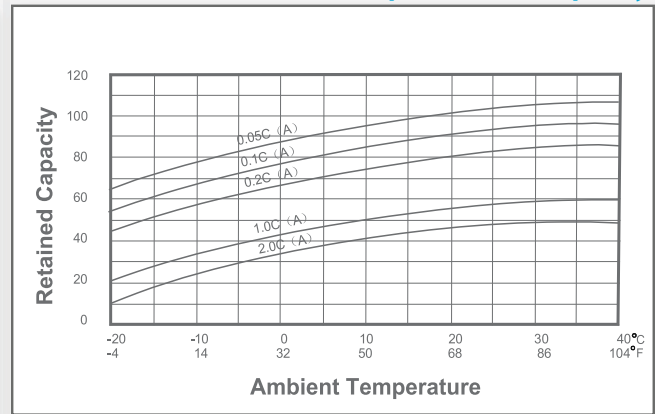


Discharge Time vs. Discharge Current



Discharge Characteristics



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	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						