

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	
Nominal Capacity		77° F (25° C)	
20-hr.	(0.11A)	2.2 Ah	
10-hr.	(0.2 A)	2 Ah	
5-hr.	(0.37 A)	1.87 Ah	
1-hr.	(1.3 A)	1.3 Ah	
Max Charge Current (A)		0.66A	
		1.38 Ah	
Approximate Weight		2.14 lbs (0.97 kgs)	
Internal Resistance (approx.)		80mΩ	
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%



Charge Method (Constant Voltage)

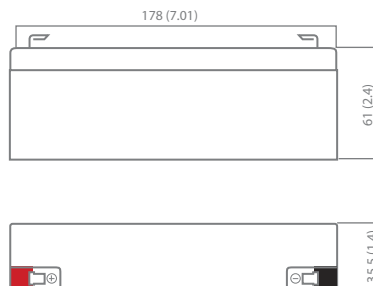
Cycle Use (Repeating Use)

Initial Current	0.66 A or smaller
Control Voltage	14.5 - 14.9 V

Float Use

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

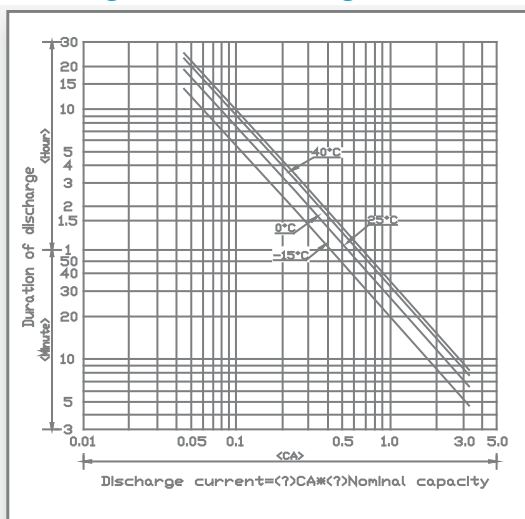


L: 7.01in (178 mm)
W: 1.4in (35.5 mm)
H: 2.4in (61 mm)
TH: 2.6in (66 mm)
Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

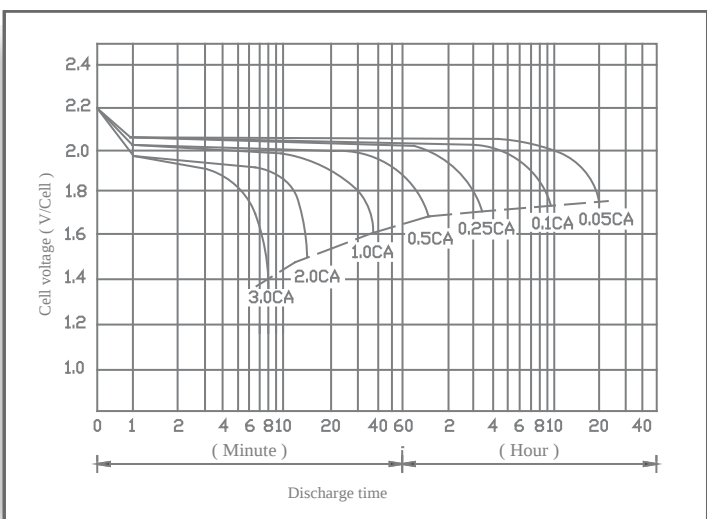
Terminals

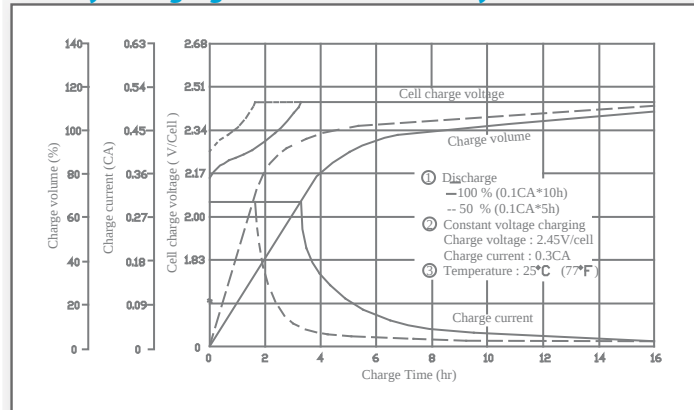
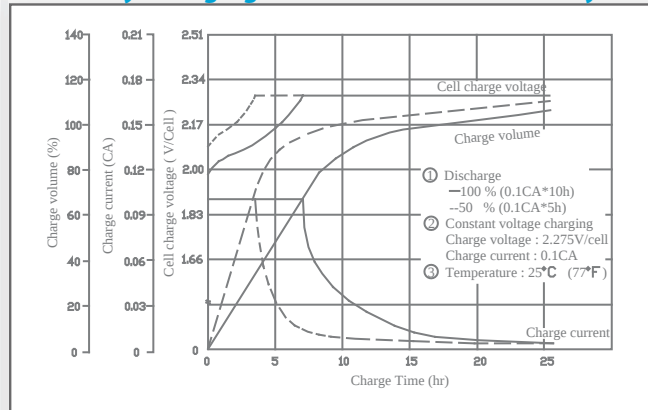
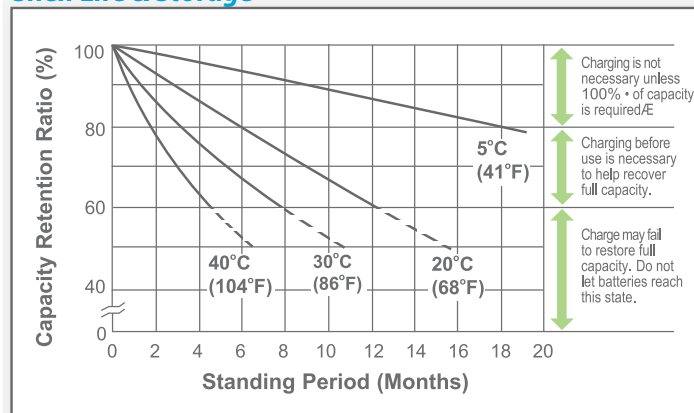
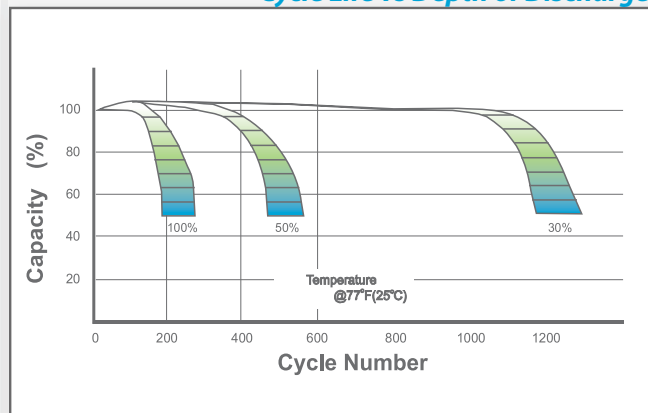
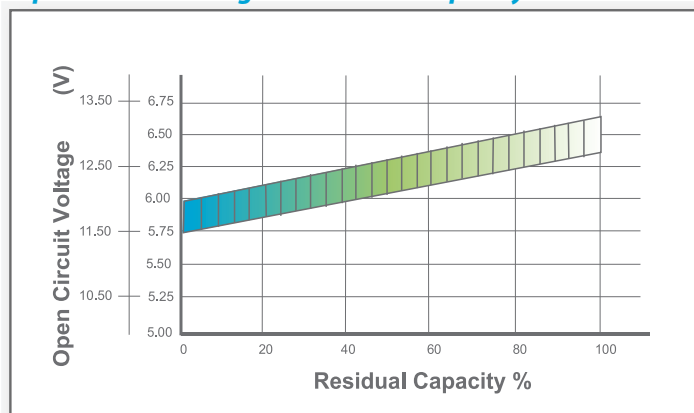
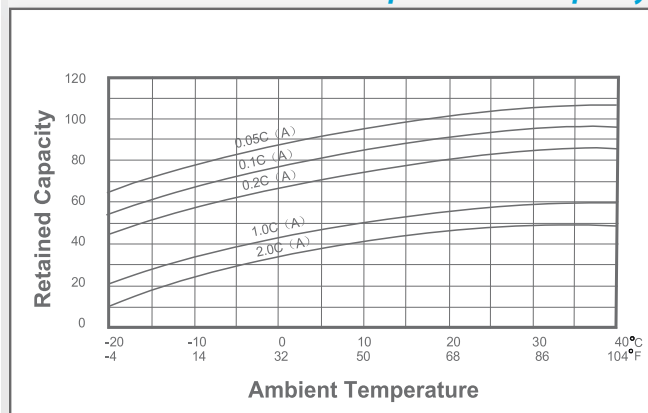
Dimension Type	L	W	w	H	T
Terminal	6.50	4.75	6.00	5.00	0.80

Discharge Time vs. Discharge Current



Discharge Characteristics



Battery Charging Characteristics for Cyclic Use**Battery Charging Characteristics for Standby Use****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	2.40~2.50	0.30C	Discharge	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		Current(A)				



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