

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			6 volts
Nominal Capacity			77° F (25° C)
20-hr. (10.0 A)			200 Ah
10-hr. (18.6 A)			186 Ah
5-hr. (34.0 A)			170 Ah
1-hr. (120 A)			120 Ah
Approximate Weight			62.4 lbs (28.3 kgs)
Internal Resistance (approx.)			4 mΩ
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)



Charge Method (Constant Voltage)

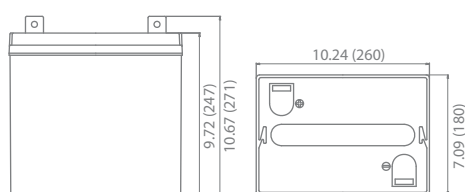
Cycle Use (Repeating Use)

Initial Current	60 A or smaller
Control Voltage	7.20 - 7.5 V

Float Use

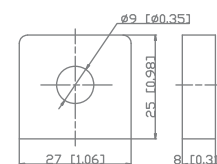
Control Voltage	6.8 - 6.9 V
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Physical Dimensions: in (mm)

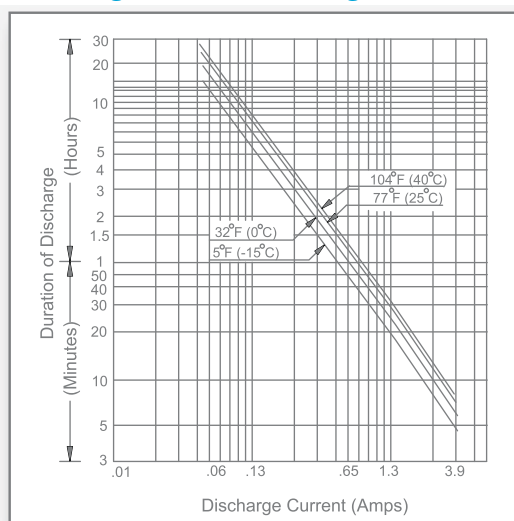


L: 10.24in (260 mm)
W: 7.09in (180 mm)
H: 9.72in (247 mm)
TH: 10.67in (271 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm)
 and +/- 0.08 in. (+/- 2mm) for height
 dimensions. All data subject to
 change without notice.

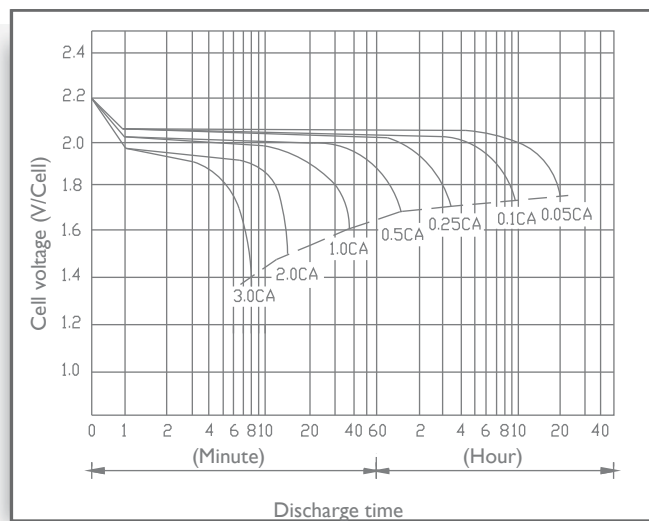
Terminals

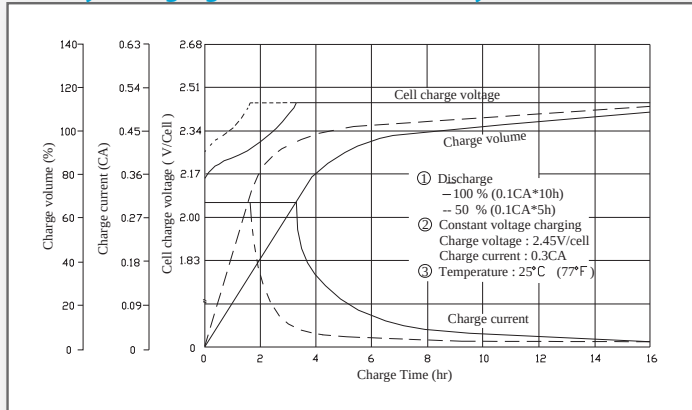
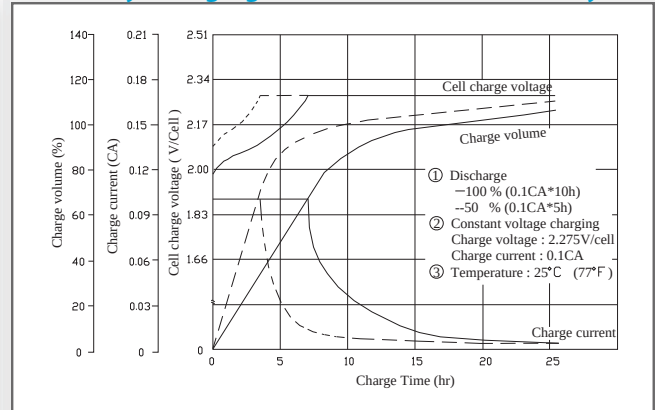
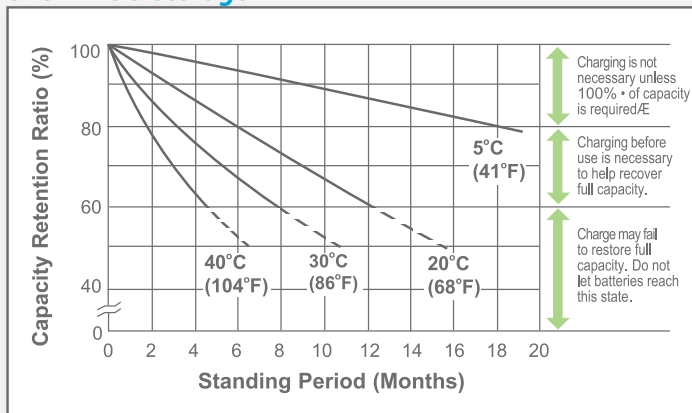
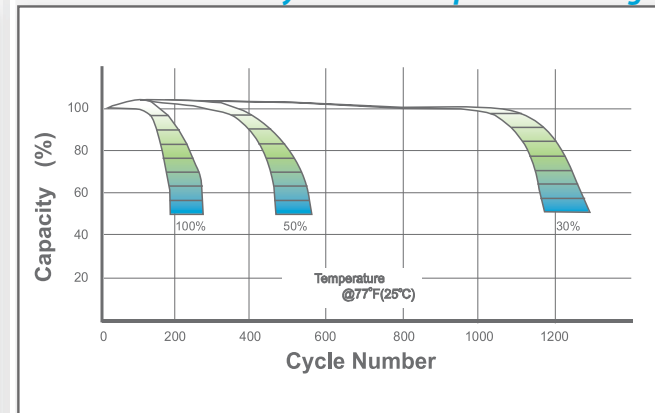
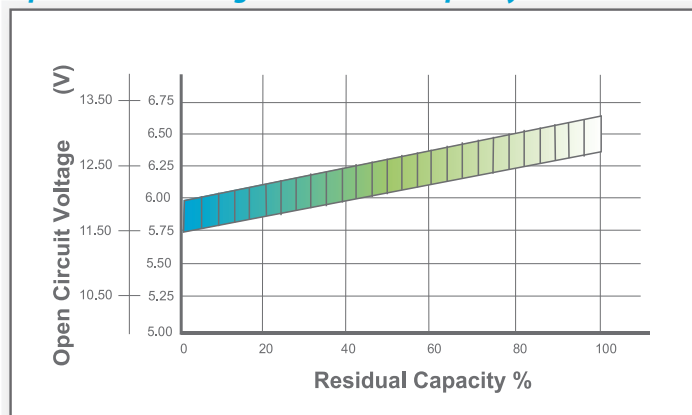
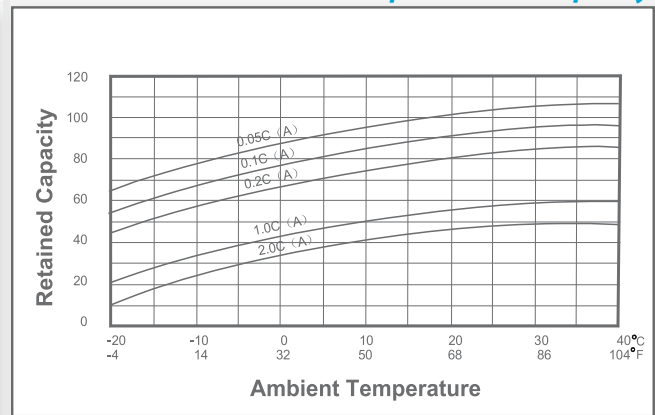


Discharge Time vs. Discharge Current



Discharge Characteristics



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
	Temperature	Set Point	Allowable Range	
Cycle Use	25°C(77°F)	2.45	2.40~2.50	0.35C
Standby	25°C(77°F)	2.325	2.30~2.35	

Final Discharge Voltage V/Cell	1.75	1.70	1.60	1.30
Discharge Current(A)	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C