

Absorbent 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		16V (8 cells)	
Nominal Capacity		77° F (25° C)	
20-hr.	(3.00A)	60.0 Ah	
10-hr.	(5.58A)	55.8 Ah	
5-hr.	(10.2A)	51.0 Ah	
1-hr.	(36.0A)	36.0 Ah	
CCA		610	
Approximate Weight		50.71 lbs (23.0 kgs)	
Internal Resistance (approx.)		12mΩ	
Shelf Life (% of normal capacity at 68° F (20° C)			
3 Months		6 Months	12 Months
91%		82%	64%
Temperature Dependency of Capacity			(20 hour rate)
104° F (40°C)	77° F (25°C)	32° F (0°C)	5° F (-15°C)
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)

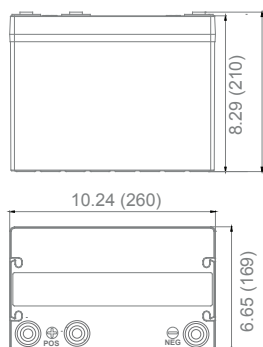
Cycle Use (Repeating Use)

Initial Current	18 A or smaller
Control Voltage	19.2 - 19.8 V

Float Use

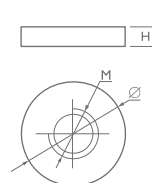
Control Voltage	18.2 - 18.4 V
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Physical Dimensions: in (mm)

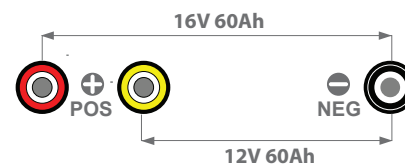


L: 10.24in (260 mm)
W: 6.65in (169 mm)
H: 8.29in (210 mm)
TH: 8.44in (214.5 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

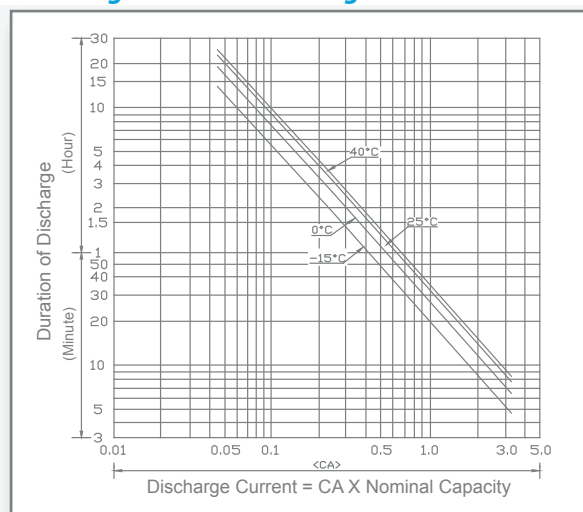
Terminals



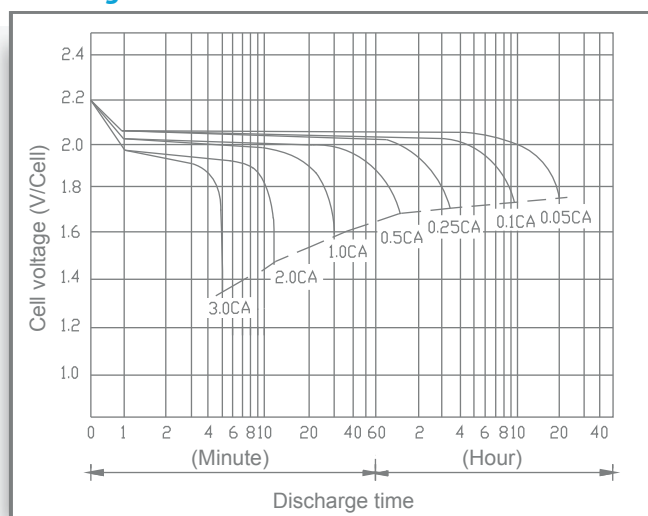
Dimension Type	M	Ø	H
I 11	10 mm 0.39 in	19 mm 0.75 in	4.5 mm 0.18 in

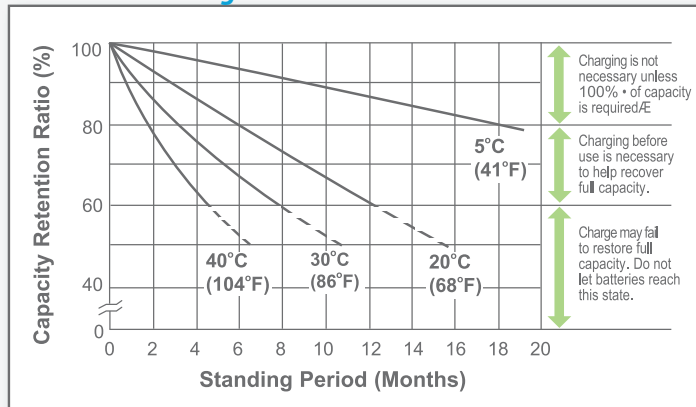
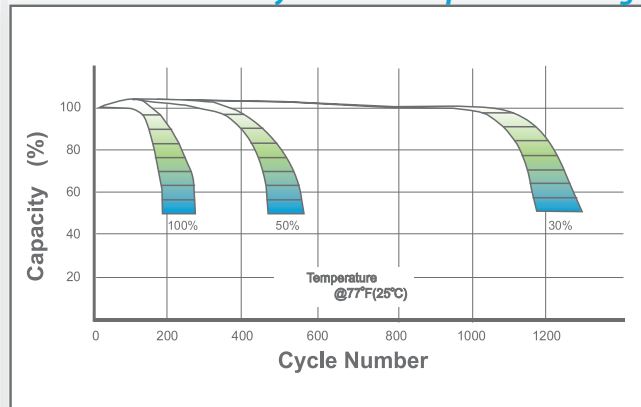
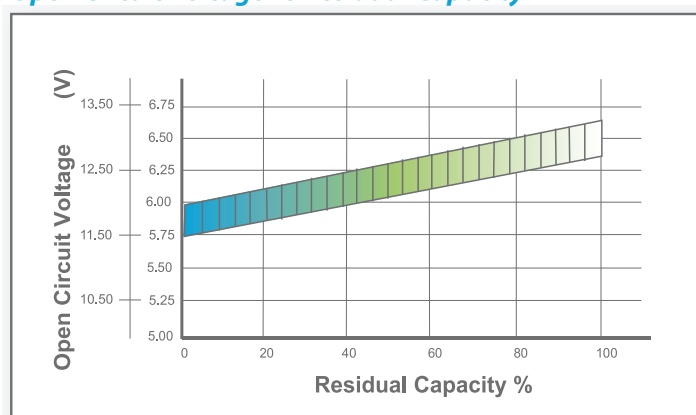
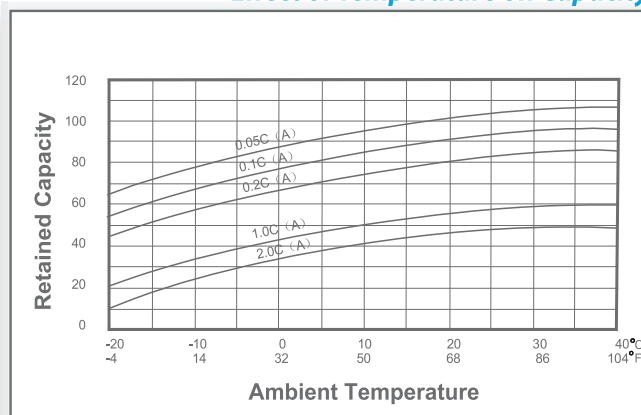


Discharge Time vs. Discharge Current



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	2.40~2.47	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						