

## Sealed Lead Acid Battery

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 CHARACTERISTICS

<b>Nominal Voltage</b>	6 volts		
<b>Nominal Capacity</b>	77° F (25° C)		
20-hr. (0.35A)	7.00 Ah		
10-hr. (0.65A)	6.51 Ah		
5-hr. (1.19A)	5.95 Ah		
1-hr. (4.20A)	4.20 Ah		
<b>Approximate Weight</b>	2.43 lbs (1.10 kgs)		
<b>Internal Resistance (approx.)</b>	20mΩ		
<b>Shelf Life</b> (% of normal capacity at 68° F (20° C))			
3 Months	6 Months	12 Months	
91%	83%	64%	
<b>Temperature Dependency of Capacity</b>	(20 hour rate)		
104° F (40°C)	77° F (25°C)	32° F (0°C)	5° F (-15°C)
102%	100%	85%	65%
<b>AGM Operational Temperature</b>			
Charge	32°F to 104°F (0°C to 40°C)		
Discharge	5°F to 113°F (-15°C to 45°C)		
<b>AGM Storage Temperature</b>	5°F to 104°F (-15°C to 40°C)		
<b>Charge Method (Constant Voltage)</b>			
<b>Cycle Use (Repeating Use)</b>			
Initial Current	2.1 A or smaller		
Control Voltage	7.3 - 7.4 V		
<b>Float Use</b>			
Control Voltage	6.8 - 6.9 V		

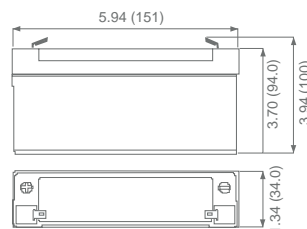
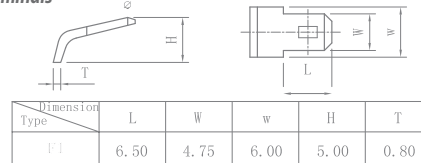


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### DIMENSIONS

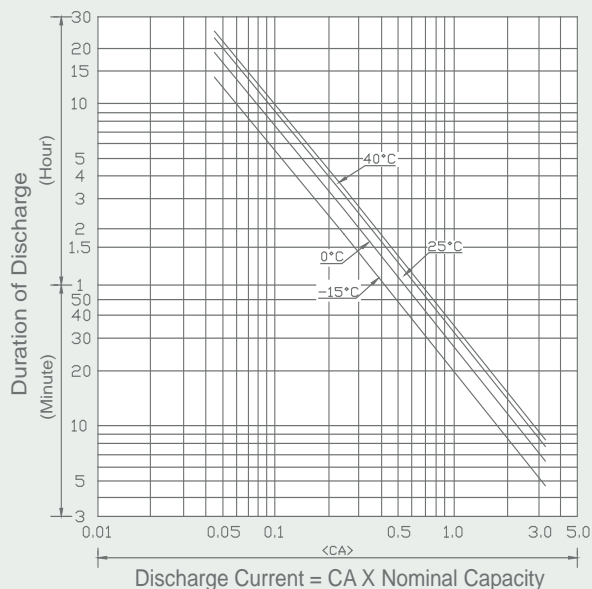
<b>Total Height</b>	<b>3.94 inches (100mm)</b>
<b>Height</b>	<b>3.70 inches (94mm)</b>
<b>Length</b>	<b>5.94 inches (151mm)</b>
<b>Width</b>	<b>1.34 inches (34mm)</b>
<b>Weight</b>	<b>Approx. 2.43 lbs (1.10Kg)</b>

#### Terminals

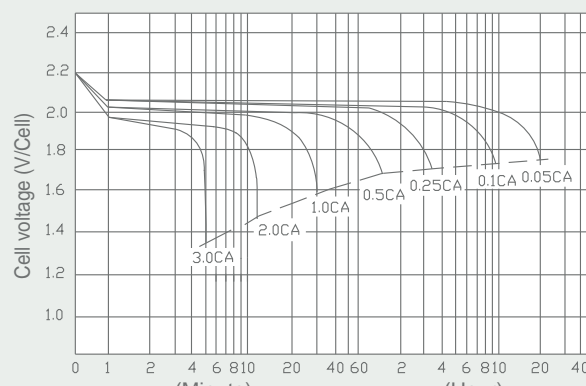


Note: Specification subject to change without notice

### DISCHARGING CURRENT & DURATION TIME



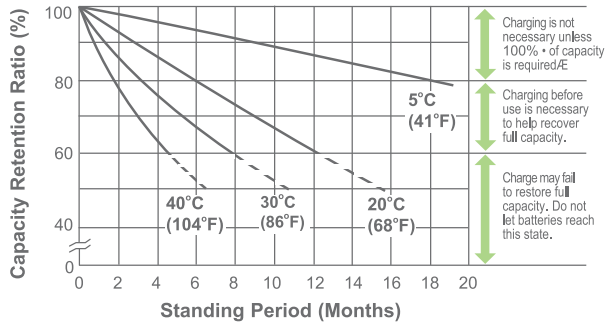
### DISCHARGE CURVES



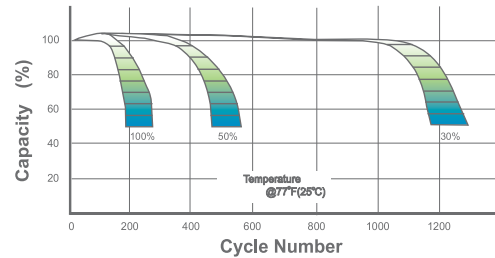
The above data are average values, and can be obtained within 3 charge/ discharge cycles. These are not minimum values.

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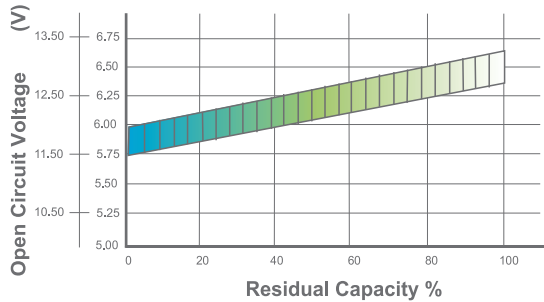
### SHELF LIFE & STORAGE



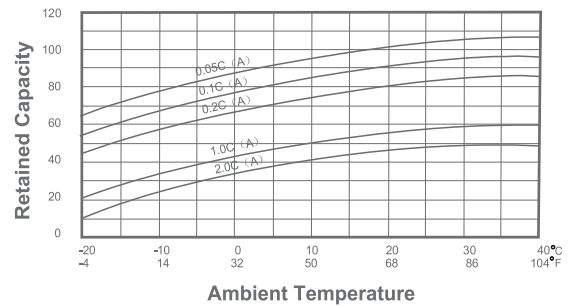
### CYCLE LIFE VS DEPTH OF DISCHARGE



### OPEN CIRCUIT VOLTAGE VS RESIDUAL CAPACITY



### EFFECT OF TEMPERATURE ON CAPACITY



### CHARGE CURRENT & FINAL DISCHARGE VOLTAGE

Application	Charge Voltage(V/Cell)			Max.Charge Current
	Temperature	Set Point	Allowable Range	
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	

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