

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



Nominal V	oltage			12 volts (6 cells)	
Nominal C	apacity				
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 norr	mal capacity at 68	° F (20° C)		
3 N	lonths	6 Mont	ths	12 Months	
91% 83%			64%		
Temperat	ure Depe	endancy of Capac	city	(20 hour rate)	
104° F (4	40°C)	77° F (25°C)	32°F (0°C)	5°F (-15°C)	
102% 100%		100%	85%	65%	
AGM Ope	rational 1	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.

cital ge medioa (constant voltage)	Charge	Method	(Constant	Voltage)
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Grand Gernetant Contage,				
Cycle Use (Repeating Use)				
Initial Current	1A max.			
Control Voltage	14.6 - 14.8 V			
Float Use				
Control Voltage	13.6 - 13.8 V			



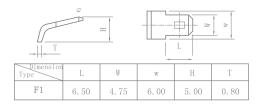
L: 5.30in (134.5 mm) W: 2.64in (67 mm)

H: 2.42in (62 mm)

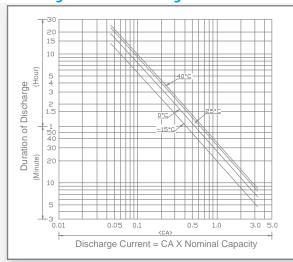
TH: 2.63in (66.8 mm)

Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

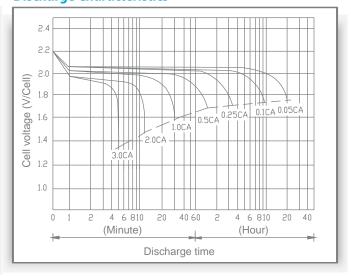
Terminals



Discharge Time vs. Discharge Current



Discharge Characteristics

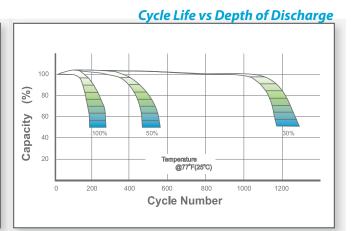




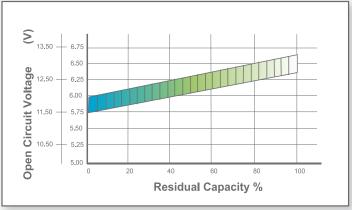
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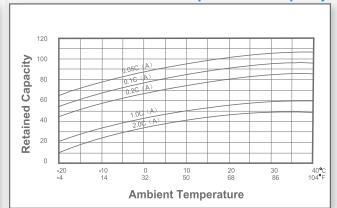
Shelf Life & Storage Capacity Retention Ratio (%) Charging is not necessary unless 100% • of capacity is requiredÆ 80 Charging before use is necessary to help recover full capacity. 5°C (41°F) 60 Charge may fail to restore full capacity. Do not let batteries reach this state. 30°C 40°Ċ 20°C (86°F) 40 (104°F) 元 10 12 14 16 Standing Period (Months)



Open Circuit Voltage vs Residual Capacity



Effect of Temperature on Capacity



Charge Current & Final Discharge Voltage

Application	Charge Voltage(V/Cell)			May Charge Current
	Temperature	Set Point	Allowable Range	Max.Charge Current
Cycle Use	25°C (77°F)	2.45	2.43~2.47	0.30C
Standby	25°C(77°F)	2.28	2.27~2.30	0.300

Final Discharge Voltage V/Cell	1.75	1.70	1.60	1.30	
Discharge	0.20. (A)	0.2C<(A)<0.5C	0.50 (/\) 41.00	(A) ₂ 1 0C	
Current(A)	Current(A) 0.2C>(A)		0.5C<(A)<1.0C	(A)>1.0C	





Let UPG Power Your Life.