

Sealed Lead Acid Battery

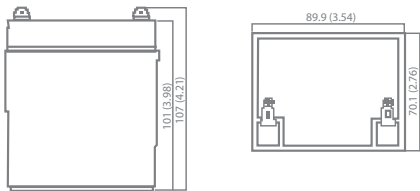
Absorbant Glass Mat (AGM) technology for superior performance. Valve regulated, spill proof construction allows safe operation in any position. Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified. U.L. recognized under file number MH 20567.



BD125

SPECIFICATIONS / CHARACTERISTICS:

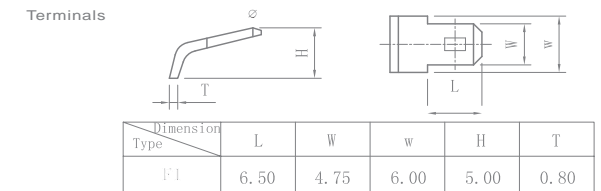
Nominal Voltage	12 volts			
Nominal Capacity	77° F (25° C)			
20-hr. (0.25A)	5.0 Ah			
10-hr. (0.47A)	4.65 Ah			
5-hr. (0.85A)	4.25 Ah			
1-hr. (3.00A)	3.00 Ah			
Approximate Weight	3.09 lbs (1.4 kgs)			
Internal Resistance (approx.)	32mΩ			
Shelf Life (% of normal capacity at 77° F (25° C))				
3 Months	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	1.5 A or smaller			
Control Voltage	14.5 - 14.9 V			
Float Use				
Control Voltage	13.6 - 13.8 V			



PHYSICAL DIMENSIONS: in (mm)

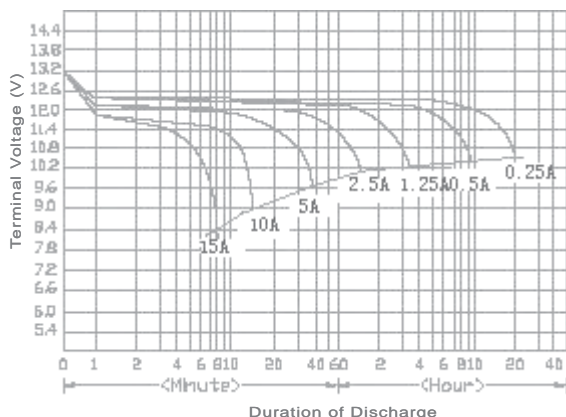
Total Height	4.21in (106.9 mm)
Height	3.98in (101.1 mm)
Length	3.54in (89.9 mm)
Width	2.76in (70.1 mm)

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

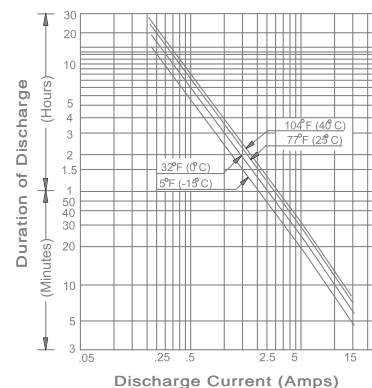


Note: Specification subject to change without notice

DISCHARGE CHARACTERISTICS:

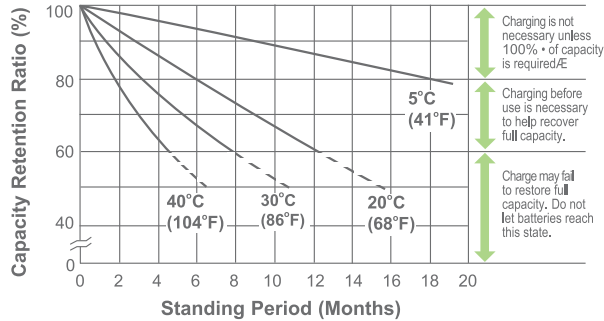


DISCHARGE TIME VS. DISCHARGE CURRENT

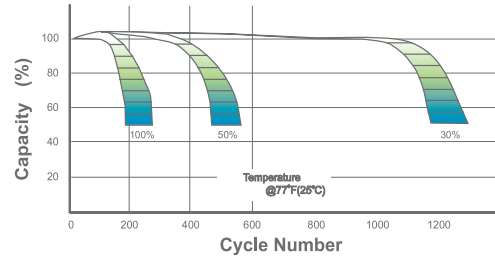


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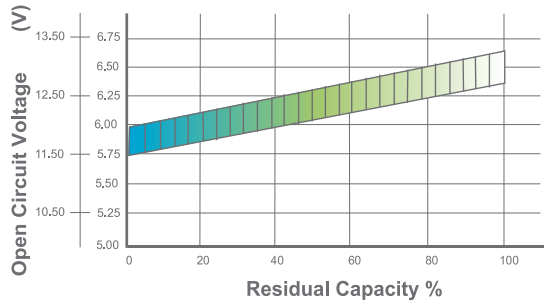
SHELF LIFE & STORAGE



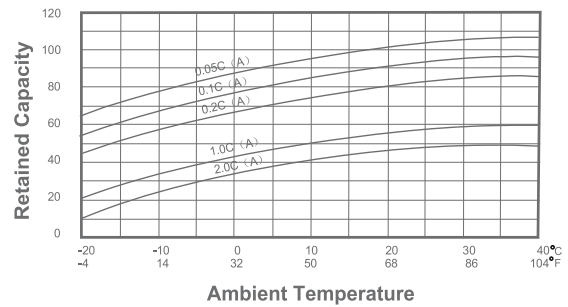
CYCLE LIFE VS DEPTH OF DISCHARGE



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	2.40~2.50	0.30°C
Standby	25°C (77°F)	2.30	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