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.

BD128

SPECIFICATIONS / CHARACTERISTICS:

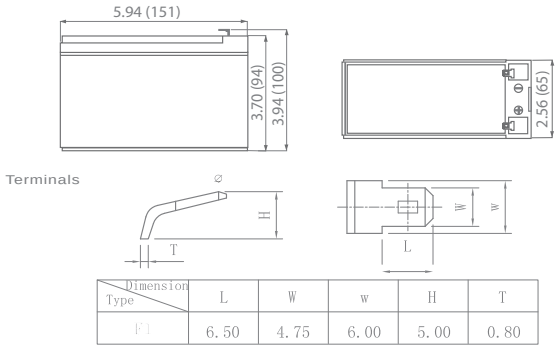
Nominal Voltage			12 volts
Nominal Capacity			77º F (25º C)
20-hr. (0.40A)			8.0 Ah
10-hr. (0.74A)			7.44 Ah
5-hr. (1.36A)			6.80 Ah
1-hr. (4.8A)			4.8 Ah
Approximate Weight			4.96 lbs (2.25 kgs)
Internal Resistance (approx.)			23mΩ
Shelf Life (% of normal capacity at 77º F (25º C)			
3 Months	6 Months	12 Months	
91%	82%	64%	
Temperature Dependancy 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	2.4 A or smaller		
Control Voltage	14.6 - 14.8 V		
Float Use			
Control Voltage	13.6 - 13.8 V		

Note: Specification subject to change without notice

PHYSICAL DIMENSIONS: in (mm)

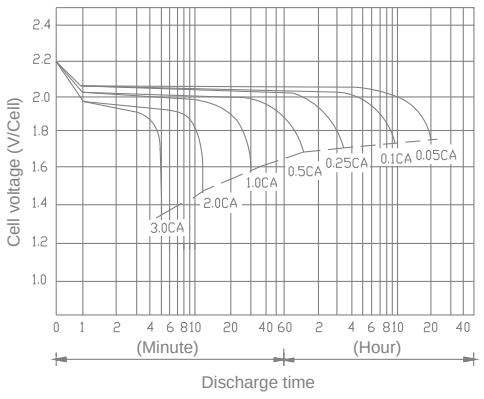
Total Height	**4.21in (106.9 mm)**
Height	**3.98in (101.1 mm)**
Length	**3.54in (89.9 mm)**
Width	**2.76in (70.1 mm)**

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

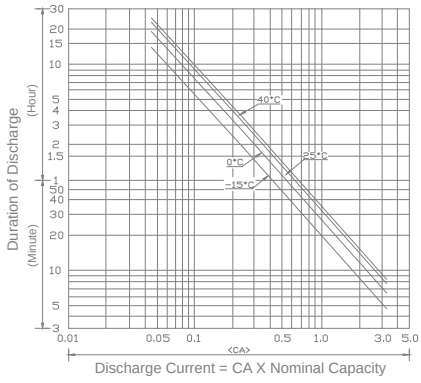


Dimension / Type	L	W	w	H	T
F1	6.50	4.75	6.00	5.00	0.80

DISCHARGE CHARACTERISTICS



DISCHARGE TIME vs. DISCHARGE CURRENT



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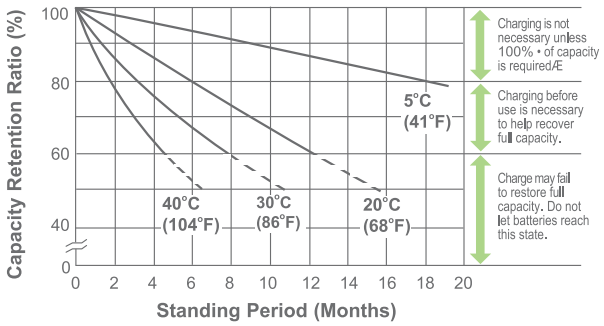
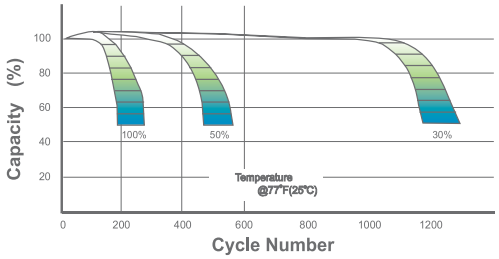
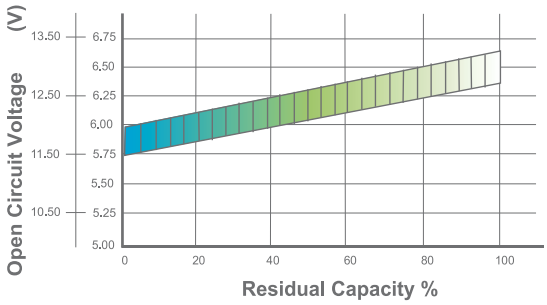
SHELF LIFE & STORAGE



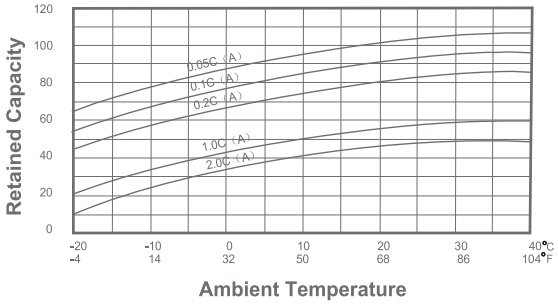
CYCLE LIFE VS DEPTH OF DISCHARGE



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℃(77℉)	2.45	2.40~2.50	0.30C
Standby	25℃(77℉)	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