



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.

UPG No. D5740

UB1234

Maintenance-Free

Specification

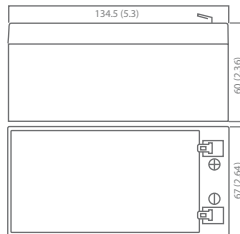
Nominal Voltage		12 volts (6 cells)	
Nominal Capacity			
20-hr.	(0.175A)	3.4AH	
10-hr.	(0.300A)	3.0 Ah	
5-hr.	(0.540 A)	2.7 Ah	
1-hr.	(2.10 A)	2.1 Ah	
Approximate Weight		3.02 lbs (1.37 kgs)	
Max Discharge Current for 5 sec. (A)		50 A	
Max Charge Current (A)		0.7A	
Ambient Temperature			
Charge		0°C (32°F) to 40°C (104°F)	
Discharge		-20°C (-4°F) to 50°C (122°F)	
Storage		-20°C (-4°F) to 40°C (104°F)	
Expected Life for Standby Use at 20°C		1-3 Years	
Case		ABS Plastic	
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)

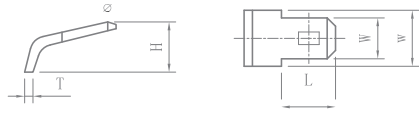
104° F	77° F	32° F	5° F
102%	100%	85%	65%

Physical Dimensions: in (mm)



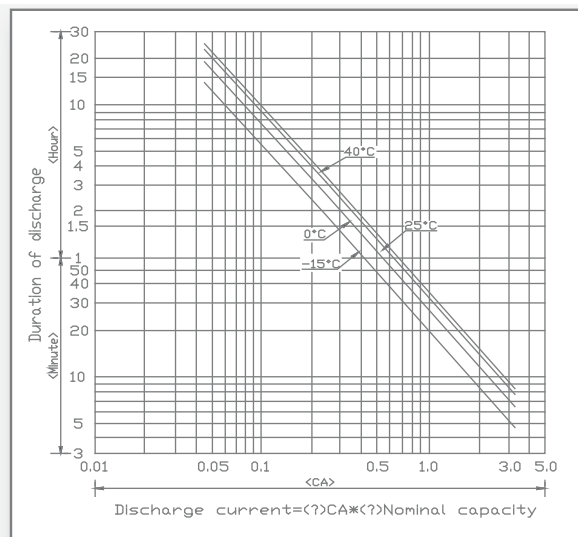
L: 5.3in (134.5 mm)
W: 2.64in (67 mm)
H: 2.36in (60 mm)
TH: 2.4in (65 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

Terminals

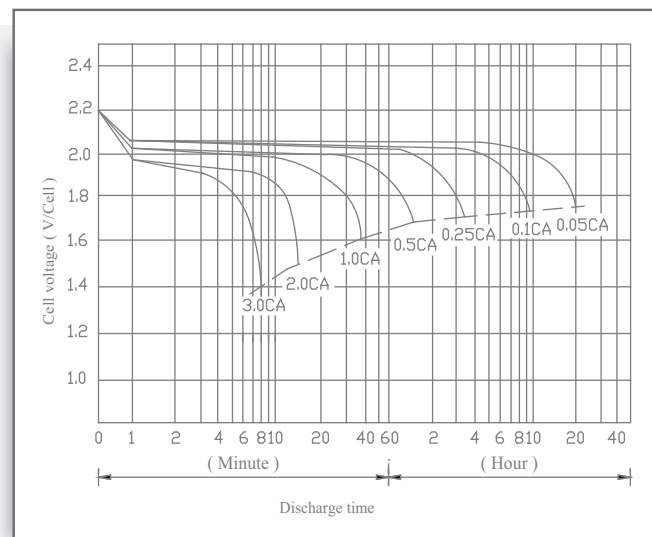


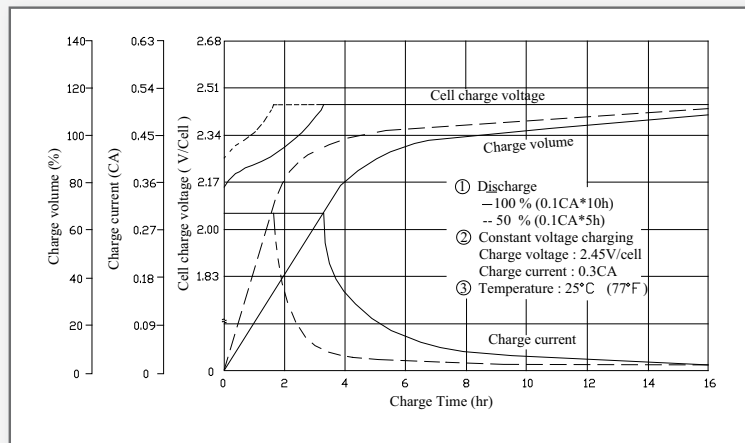
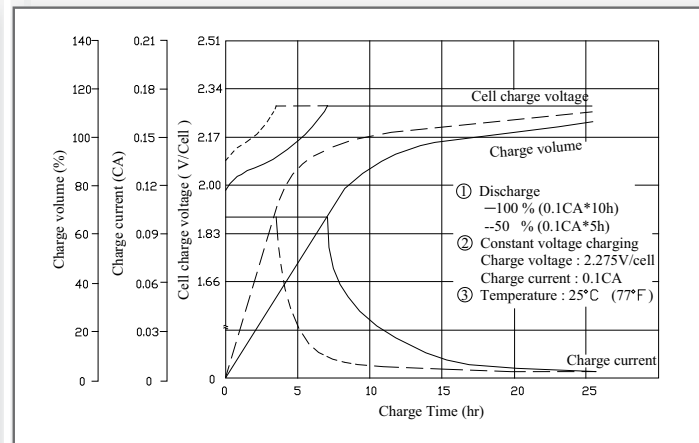
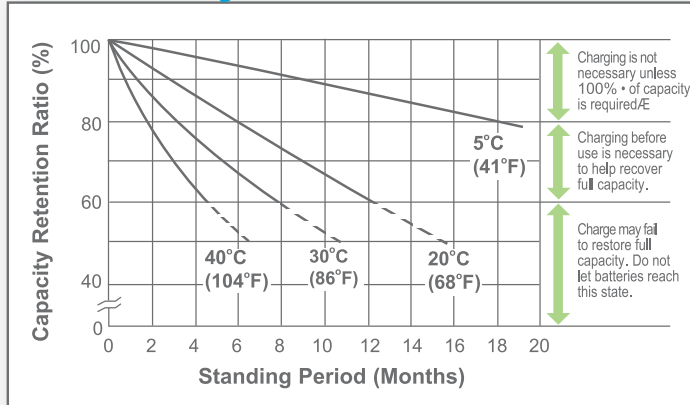
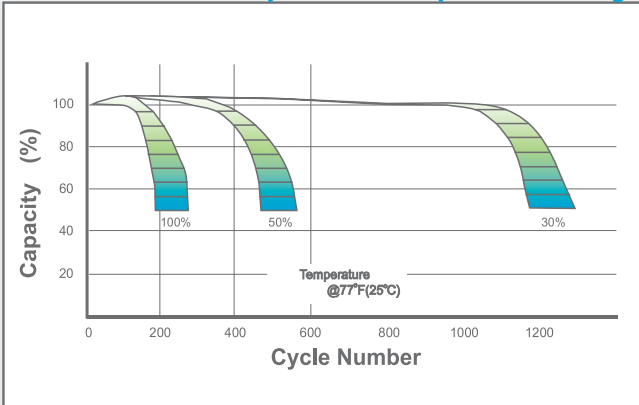
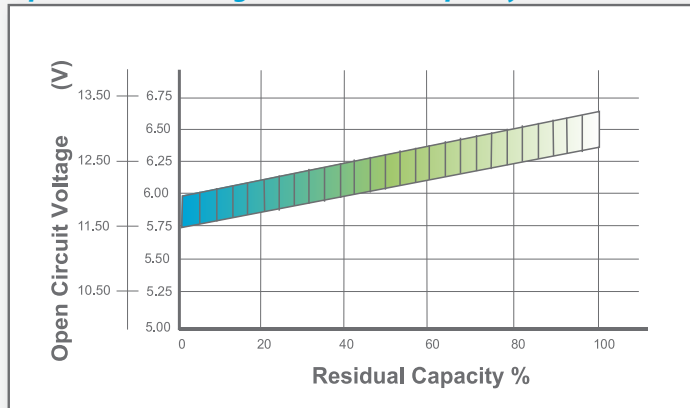
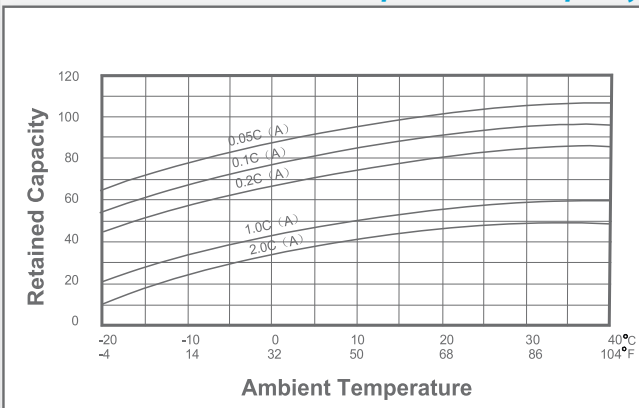
Dimension Type	L	W	w	H	T
F1	6.50	4.75	6.00	5.00	0.80
F2	7.80	6.35	7.80	6.00	0.80

Discharge Time vs. Discharge Current



Discharge Characteristics



Battery Charging Characteristics for Cyclic Use**Battery Charging Characteristics for Standby Use****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	0.35C
Standby	25°C(77°F)	2.325	2.30~2.35	

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



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