



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. r recognized under file number MH 20567.

UPG No. 40658

UB12150

Maintenance-Free

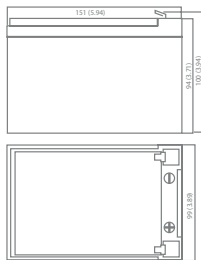
Specification

Nominal Voltage	12 volts (6 cells)	
Nominal Capacity		
20-hr. (0.75A)	15.0 AH	
10-hr. (1.395A)	13.95 AH	
5-hr. (2.55A)	12.75 AH	
1-hr. (9.0A)	9.0 AH	
Approximate Weight	9.2 lbs. (4.2 kg)	
Max Discharge Current for 5 sec. (A)	225 A	
Max Charge Current (A)	4 A	
Expected Life for Standby Use at 20°C	3 Years	
Case	ABS Plastic	
Shelf Life (% of normal capacity at 77° F (25° C))		
3 Months	6 Months	12 Months
91%	82%	64%



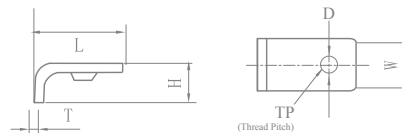
Ambient Temperature	Charge	Discharge	Storage
	32°F (0°C) to 104°F (40°C)	-4°F (-20°C) to 122°F (50°C)	-4°F (-20°C) to 104°F (40°C)

Physical Dimensions: in (mm)



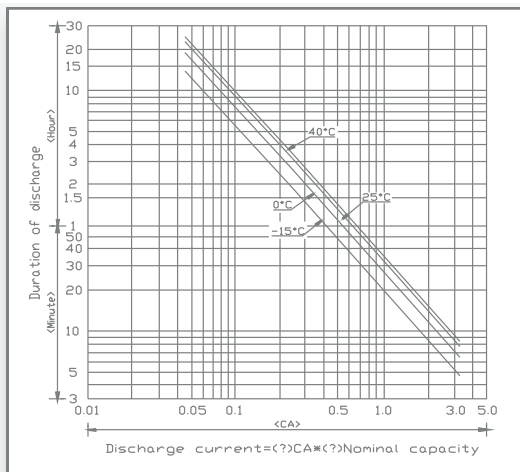
L: 5.95in (151 mm)
W: 3.89in (99 mm)
H: 3.71in (94 mm)
TH: 3.94in (100 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

Terminals

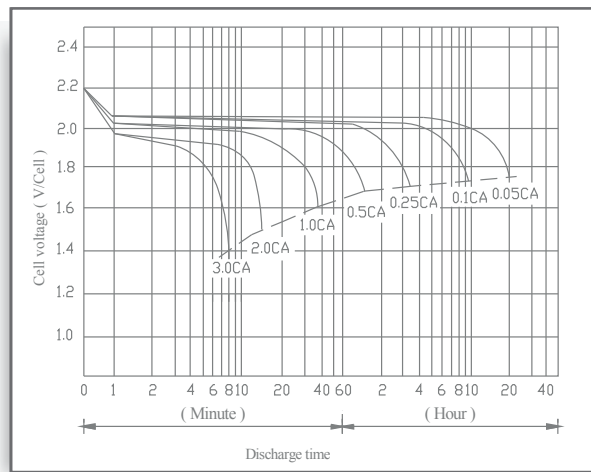


Dimension	L	W	H	D	TP
Type					
0.31 inch tab with a hole for a 4mm screw	12.8	7.8	5.00	4.00	0.70

Discharge Time vs. Discharge Current



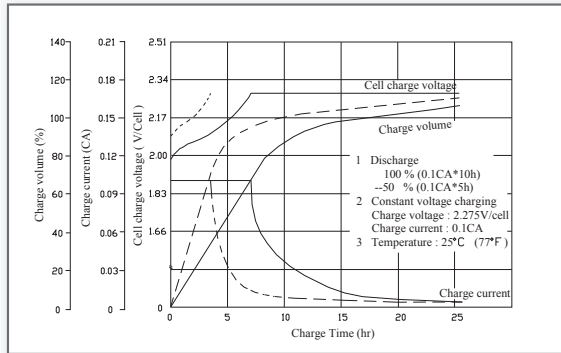
Discharge Characteristics



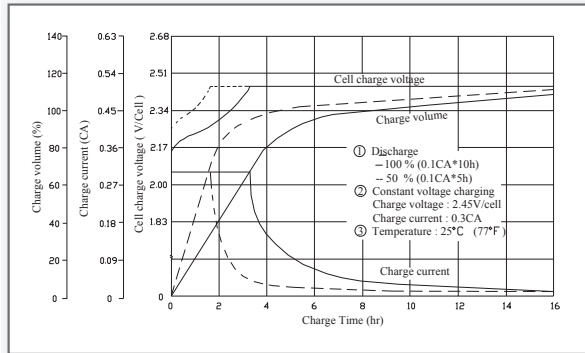
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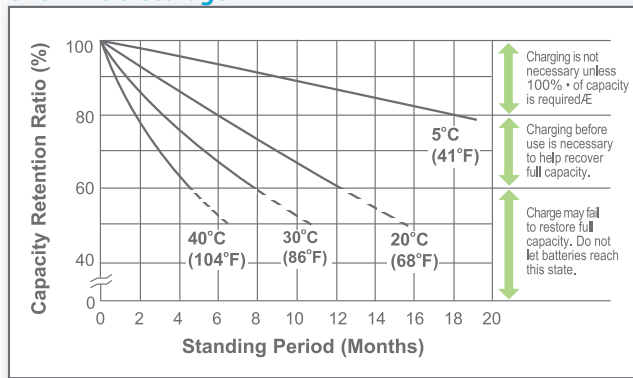
Battery Charging Characteristics for Standby Use



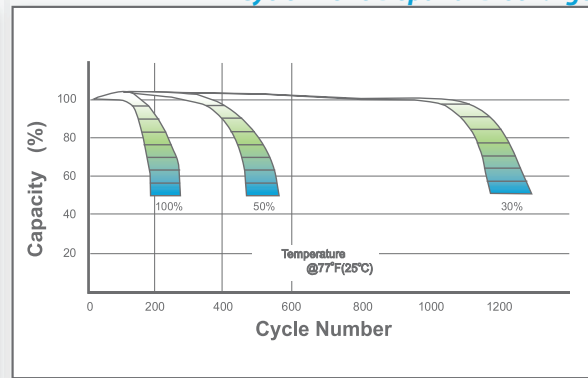
Battery Charging Characteristics for Cyclic Use



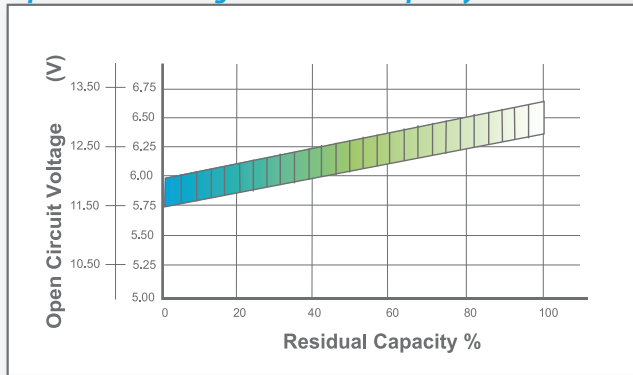
Shelf Life & Storage



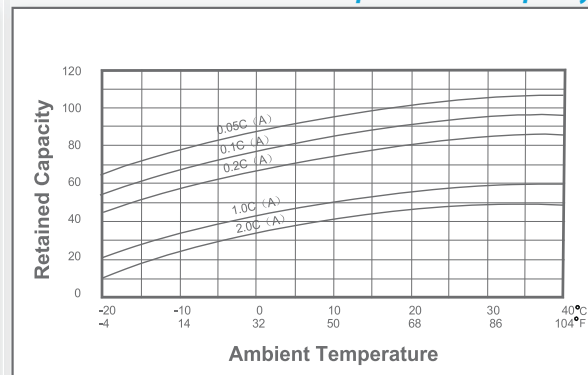
Cycle Life vs Depth of Discharge



Open Circuit Voltage vs Residual Capacity



Effect of Temperature on Capacity



Charge Current & Final Discharge Voltage

Application	Charge Voltage(V/Cell)			Max.Charge Current	Final Discharge Voltage V/Cell	1.75	1.70	1.60	1.30
	Temperature	Set Point	Allowable Range						
Cycle Use	25°C(77°F)	2.45	2.40~2.50	0.25C	Discharge Current(A)	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C
Standby	25°C(77°F)	2.30	2.27~2.30						



ISO 9001 :2008

Let UPG Power Your Life.

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