



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. 40800

UB1270

Maintenance-Free

Specification

Nominal Voltage		12 volts
Nominal Capacity		77° F (25° C)
20-hr. (0.35A)		7 Ah
10-hr. (0.65A)		6.51 Ah
5-hr. (1.2A)		6 Ah
1-hr. (4.2A)		4.2 Ah
Approximate Weight		4.8 lbs (2.18 kgs)
Internal Resistance (approx.)		25mΩ
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
102%	100%	85%
		65%



Charge Method (Constant Voltage)

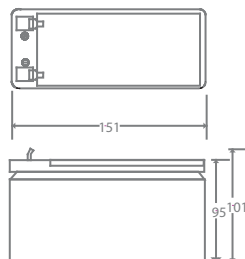
Cycle Use (Repeating Use)

Initial Current	2.1 A or smaller
Control Voltage	14.4 - 14.9 V

Float Use

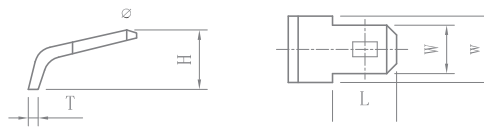
Control Voltage	13.5 - 13.8 V
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Physical Dimensions: in (mm)



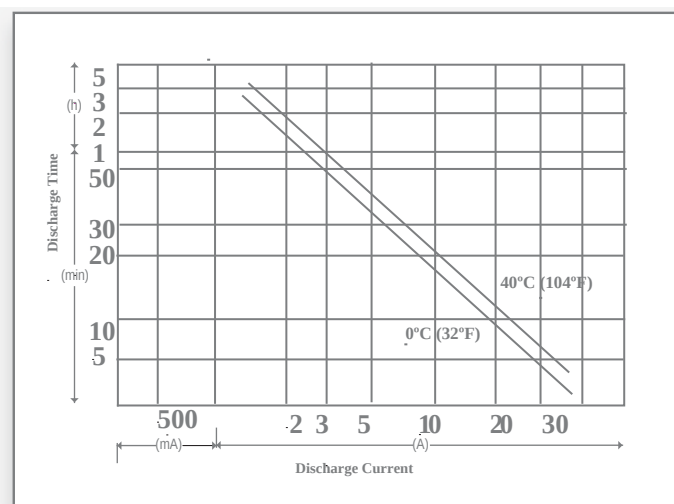
L: 5.94in (151 mm)
W: 2.56in (65 mm)
H: 3.78in (96 mm)
TH: 4.06in (103 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

Terminals

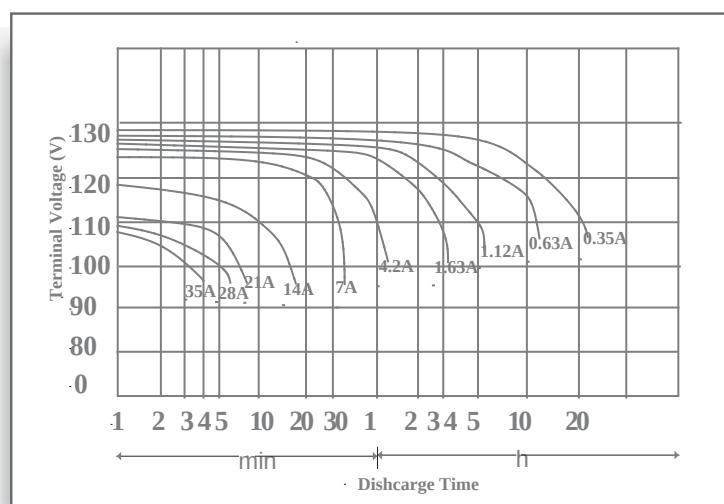


Dimension Type	L	W	w	H	T
F1	6.50	4.75	6.00	5.00	0.80
F2	7.80	6.35	7.80	6.00	0.80

Discharge Characteristics (0°C/32°F, 40°C/104°F)



Discharge Characteristics (20°C, 68°F)

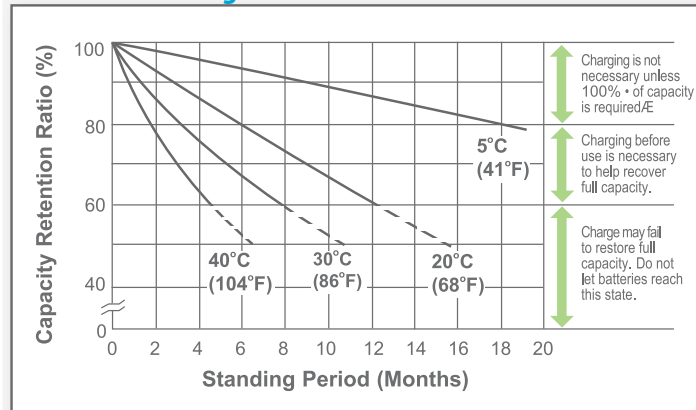
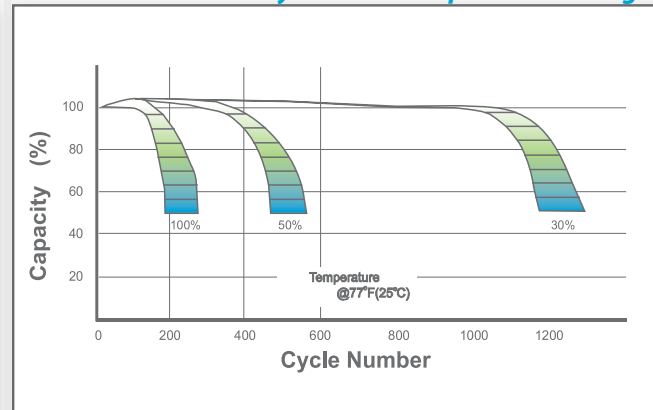
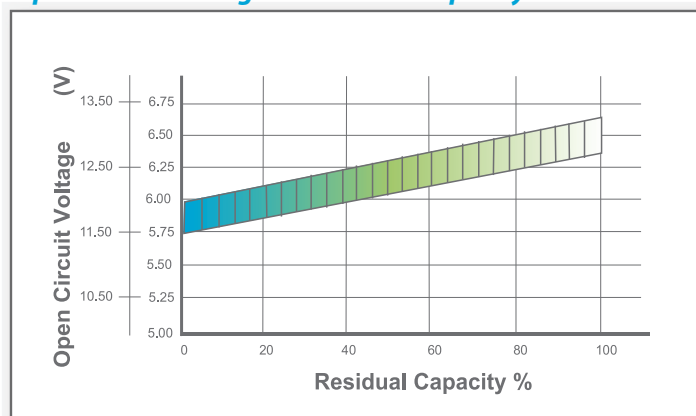
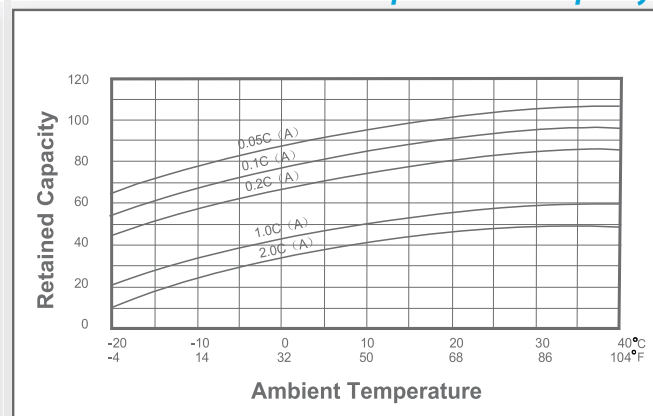


ISO 9001:2008

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VR062111

1720 Hayden Drive | Carrollton, Texas 75006 | P 469.892.1122 | T 866.892.1122 | F 469.892.1123 | sales@upgi.com

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		Discharge Current(A)	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C
Cycle Use	25°C(77°F)	2.45	2.40~2.50	0.30C					
Standby	25°C(77°F)	2.325	2.30~2.35						