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.



Maintenance-Free

Specification

Nominal Voltage			12 volts			
Nominal Capacity			77° F (25° C)			
20-hr. (0.60A)			12.0 Ah			
10-hr. (1.08A)			10.8 Ah			
5-hr. (1.92A)			9.60 Ah			
1-hr. (7.20A)			7.20 Ah			
Approximate Weig	ıht		7.14 lbs (3.23 kg)			
Internal Resistance	••					
Shelf Life (% of normal capacity at 68° F (20° C)						
3 Months	6 Mc	onths	12 Months			
91%	83%		64%			
Temperature Dep	endency of Cap	acity	city (20 hour rate)			
104° F (40°C)	77° F (25°C)	32° F (0°C)	5°F (-15°C)			
102%	100%	85%	65%			
AGM Operational Temperature						
Charge		32°F to 104	32°F to 104°F (0°C to 40°C)			
Discharge	Discharge 5°F to 113°F (-15°C to 45°		F (-15°C to 45°C)			
AGM Storage Tem	perature	5°F to 104°I	F (-15°C to 40°C)			



Due to continuous improvements to our products, product may vary slightly from depiction

Charge Method (Constant Voltage)

and ge memou (constant	c voitage,	
Cycle Use (Repeating Use)		
Initial Current	3.6 A or smaller	
Control Voltage	14.6-14.8 V	
Float Use		
Control Voltage	13.6-13.8 V	

Physical Dimensions: in (mm)

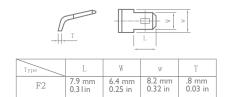




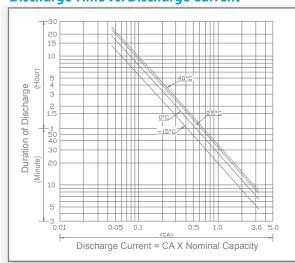
L: 6.00 in (152 mm) **W:** 3.90 in (99.0 mm) **H:** 3.80 in (96.0 mm) **TH:** 4.10 in (104 mm)

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

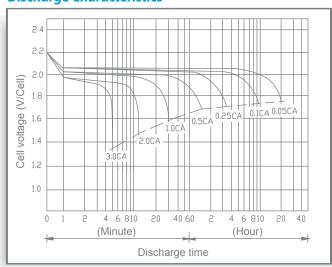
Terminals



Discharge Time vs. Discharge Current



Discharge Characteristics



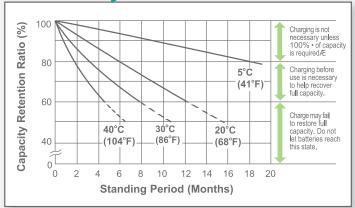
www.upgi.com

UPG is ISO 9001 Certified

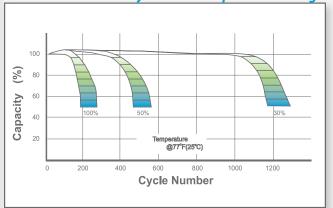
All specifications subject to change without notice.

Maintenance-Free

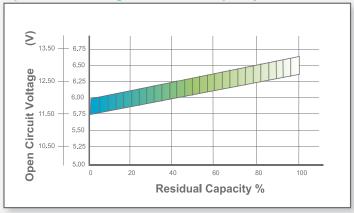
Shelf Life & Storage



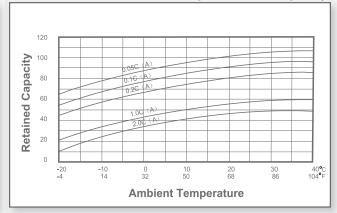




Open Circuit Voltage vs Residual Capacity



Effect of Temperature on Capacity



Charge Current & Final Discharge Voltage

Application	Charge Voltage(V/Cell)			May Charge Current
Application	Temperature	Set Point	Allowable Range	Max.Charge Current
Cycle Use	25 °C(77 °F)	2.45	2.43~2.47	0.30C
Standby	25 °ℂ(77 °F)	2.28	2.27~2.30	0.300

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



Let UPG Power Your Life.