# 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

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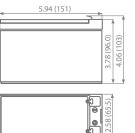
**POWERED**<sup>®</sup>

opeenication					
Nominal Voltage			12 volts (6 cells)		
Nominal Capacity	1				
20-hr. (0.36A)			7.20 Ah		
10-hr. (0.68A)			6.80 Ah		
5-hr. (1.26A)			6.30 Ah		
1-hr. (4.90A)			4.90 Ah		
Approximate Weig	ght		5 lbs (2.25 kgs)		
Internal Resistance	<b>ce</b> (Approx.)		24mΩ		
Shelf Life (% of no	ormal capacity at 68	° F (20° C)			
3 Months	6 Month	ns 12 Months			
91%	83%	64%			
Temperature Dep	pendancy of Capac	ity	(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°F (0°C to 40°C)			
Discharge		5°F to 113°F (-15°C to 45°C)			
AGM Storage Ter	nperature	5°F to 104°I	= (-15°C to 40°C)		



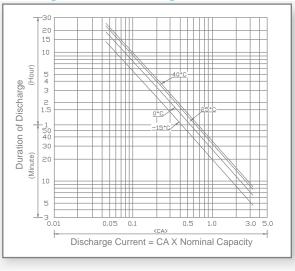
Due to continuous improvements to our products, product may vary slightly from depiction.

Charge Method (Constant \	/oltage)	
Cycle Use (Repeating Use)		
Initial Current	2.16 A or smaller	
Control Voltage	14.6 - 14.8 V	
Float Use		
Control Voltage	13.6 - 13.8 V	



L: 5.94 in (151 mm) W: 2.58 in (65.5 mm) **H:** 3.78 in (96.0 mm) TH: 4.06 in (103 mm) Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

### Discharge Time vs. Discharge Current



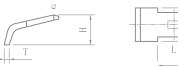


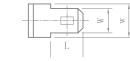
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All specifications subject to change without notice.

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### **Terminals**

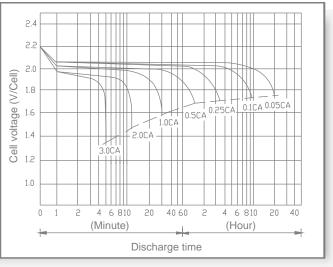




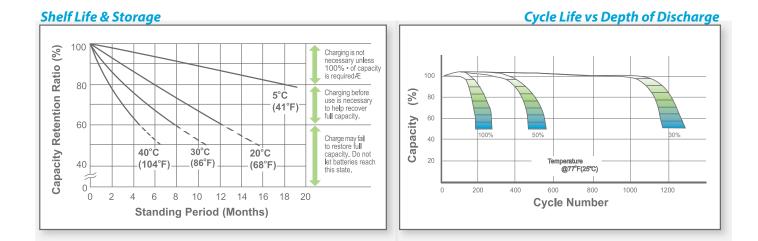
#### F Series (Faston Tabs)

Dimension Type	L	W	W	Н	Т
[· ]	6.50	4.75	6.00	5.00	0.80

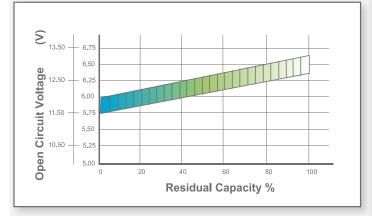
### **Discharge Characteristics**

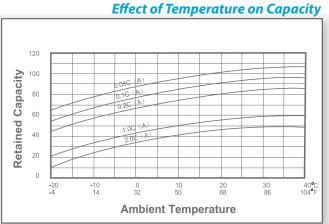






#### **Open Circuit Voltage vs Residual Capacity**





## Charge Current & Final Discharge Voltage

Application	Charge Voltage(V/Cell)		Max Charge Current	Final Discharge	1 75	1.70	1.60	1.30	
	Temperature	Set Point	Allowable Range	Max.Charge Current	Voltage V/Cell	1.70	1.70	1.00	1.30
Cycle Use	<b>25°</b> C( <b>77</b> °F)	2.45	2.40~2.50	0.30C	Discharge	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C
Standby	<b>25°</b> C( <b>77</b> °F)	2.30	2.27~2.30		Current(A)				





Let UPG Power Your Life

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