

# UPG Sealed Lead-Acid Battery

STAY POWERED®

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. 45969

## UB62000

Maintenance-Free

### Specification

<b>Nominal Voltage</b>	6 volts		
<b>Nominal Capacity</b>	77 F°(25 C)		
20-hr (10.0A)	200 Ah		
10-hr (18.6A)	186 Ah		
5-hr (34.0A)	170 Ah		
1-hr (120A)	120 Ah		
<b>Approximate Weight</b>	60.62 lbs (27.5 kgs)		
<b>Internal Resistance</b> (approx.)	2.2 mΩ		
<b>Shelf Life</b> (% of normal capacity at 68° F (20° C)			
3 Months	6 Months	12 Months	
91%	83%	64%	
<b>Temperature Dependency of Capacity</b>	(20 hour rate)		
104° F (40°C)	77° F (25°C)	32° F (0°C)	5° F (-15°C)
102%	100%	85%	65%
<b>AGM Operational Temperature</b>			
Charge	32°F to 104°F (0°C to 40°C)		
Discharge	5°F to 113°F (-15°C to 45°C)		
<b>AGM Storage Temperature</b>	5°F to 104°F (-15°C to 40°C)		



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

### Charge Method (Constant Voltage)

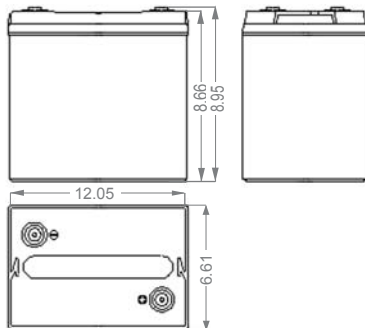
### Cycle Use (Repeating Use)

Initial Current	60A or smaller
Control Voltage	7.3 - 7.4 V

### Float Use

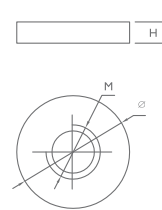
Control Voltage	6.8 - 6.9 V
-----------------	-------------

### Physical Dimensions: in (mm)



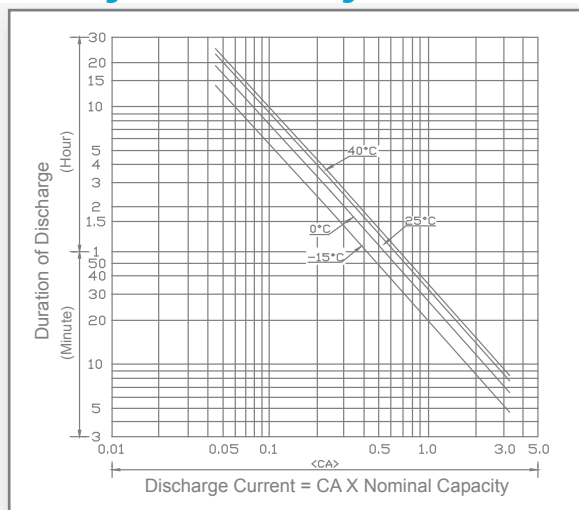
**L:** 12.05 in (306 mm)  
**W:** 6.61 in (168 mm)  
**H:** 8.66 in (220 mm)  
**TH:** 8.95 in (227 mm)  
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

### Terminals

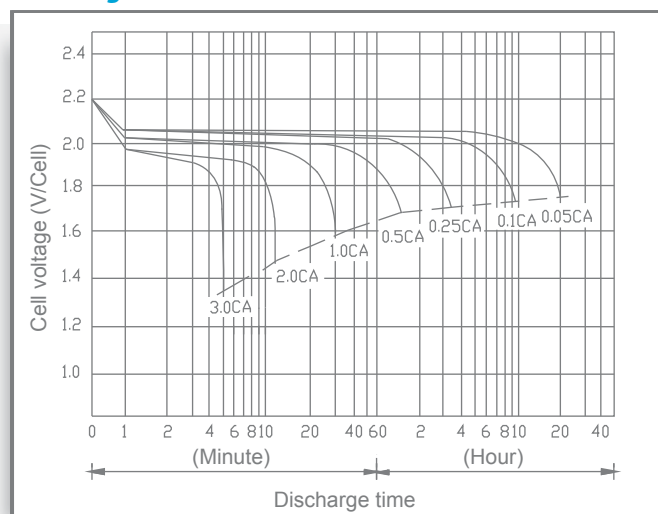


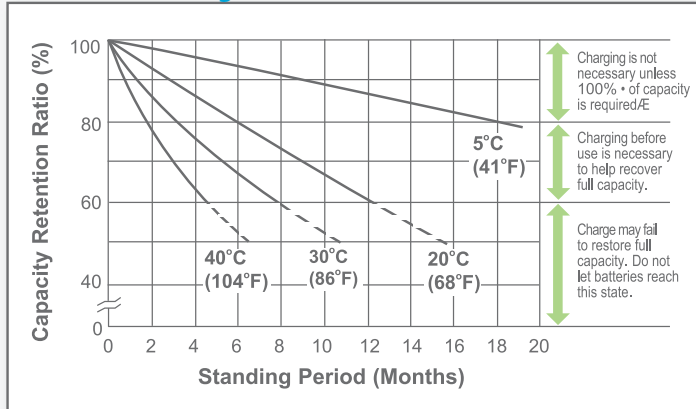
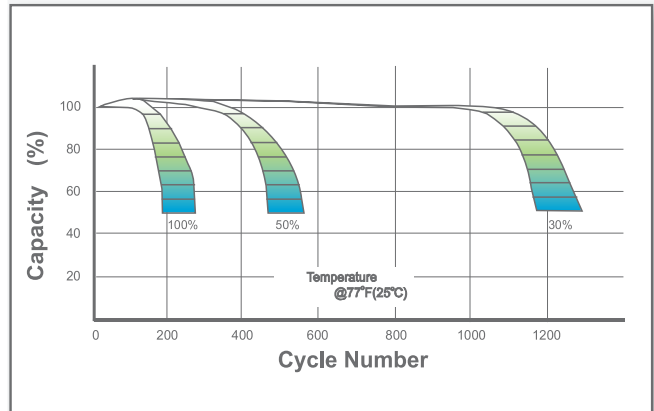
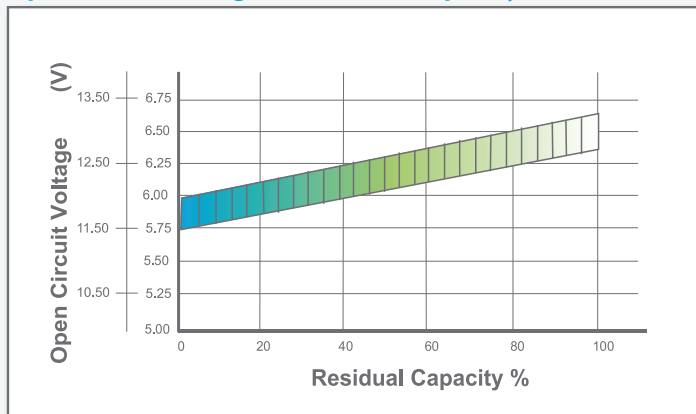
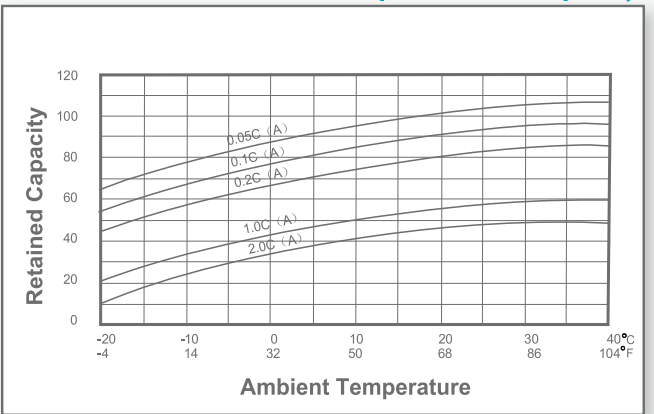
Dimension Type	M	Ø	H
I 4	6.00 mm 0.24 in	15.0 mm 0.59 in	4.00 mm 0.16 in

### Discharge Time vs. Discharge Current



### Discharge Characteristics



**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	0.30C	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						