

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.

Specification

Nominal Voltage	6 volts (3 cells)		
Nominal Capacity	5.0AH		
20-hr (0.25A to 5.25 volts)	5.0AH		
Approximate Weight	1.76 lbs (0.8 kgs)		
Internal Resistance (approx.)	17 mΩ		
Shelf Life (% of normal capacity at 77 F (25 C))			
3 Months	6 Months	12 Months	
91%	82%	64%	
Terminal - Connector Insert	S Type		
Max Charge Current (A)	1.5A		
Ambient Temperature			
Charge	0°C (32°F) to 40°C (104°F)		
Discharge	-15°C (-5°F) to 50°C (122°F)		
Storage	-15°C (-5°F) to 40°C (104°F)		
Expected Life for Standby Use at 20°C	1-3 Years		
Case	ABS Plastic		



Charge Method (Constant Voltage)

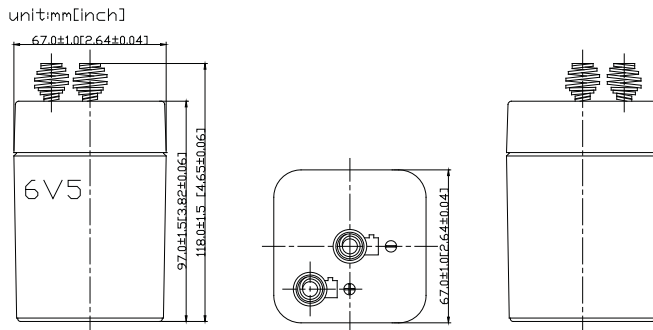
Cycle Use (Repeating Use)

Initial Current	1.5 A
Control Voltage	7.25 - 7.45 V

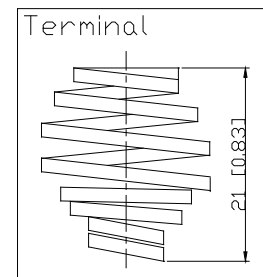
Float Use

Control Voltage	6.80 - 6.90 V
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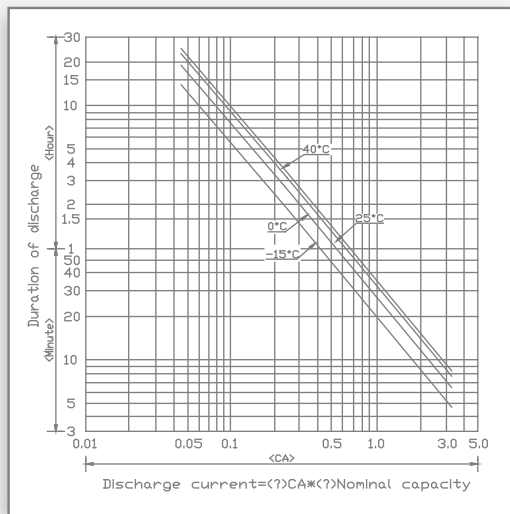
Physical Dimensions: in (mm)



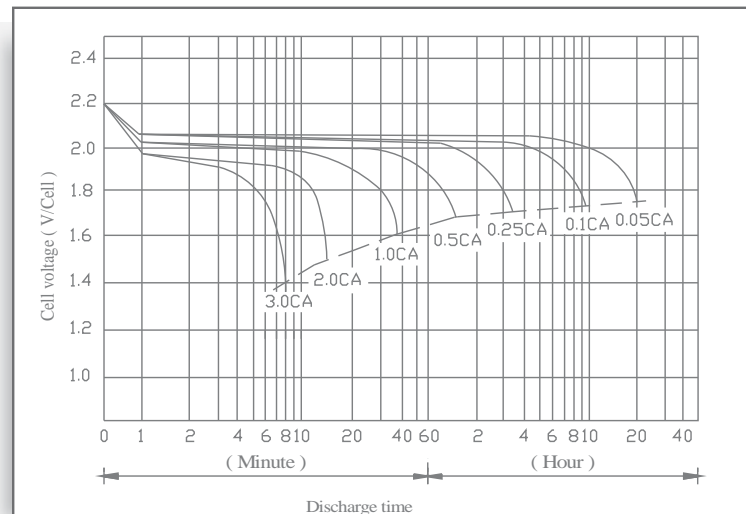
Terminals



Discharge Time vs. Discharge Current



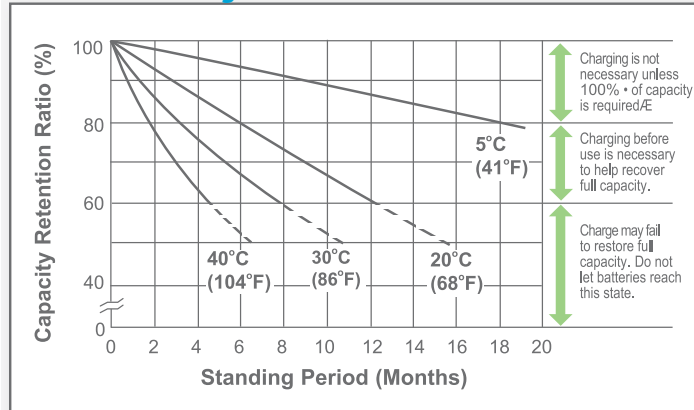
Discharge Characteristics



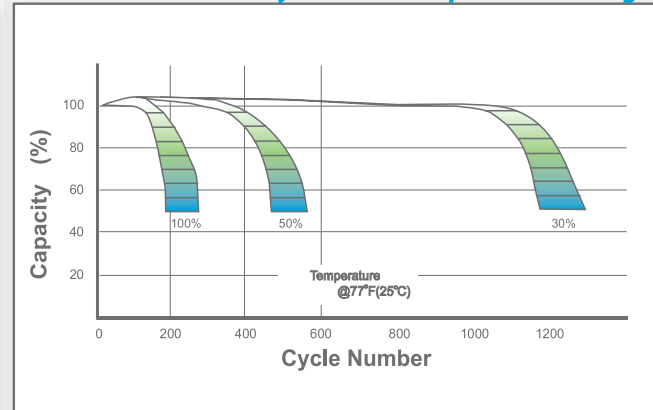
UB5-6S

Maintenance-Free

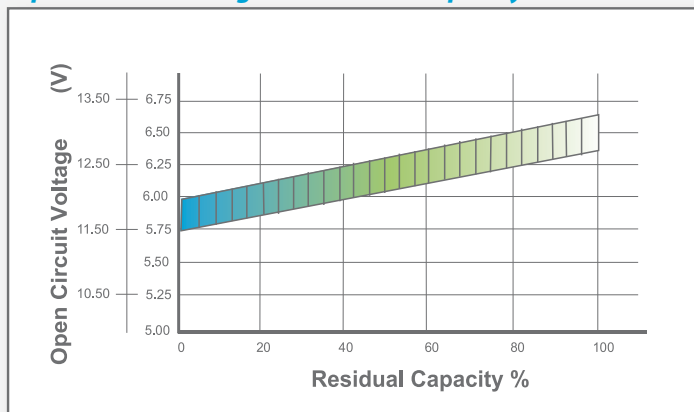
Shelf Life & Storage



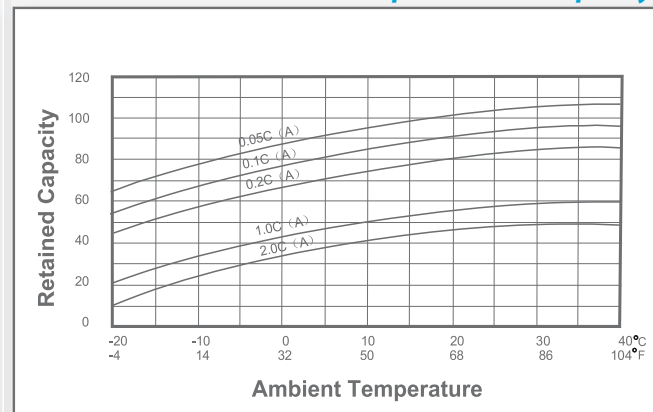
Cycle Life vs Depth of Discharge



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	0.3C	Discharge Current(A)	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C
Standby	25°C(77°F)	2.325	2.30~2.35						



Let UPG Power Your Life.

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