



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 MH20567.

UPG No. D5737

UB6120T

Maintenance-Free

Specification

Nominal Voltage		6 volts	
Nominal Capacity		77° F (25° C)	
20-hr.	(0.60A)	12.00 Ah	
10-hr.	(1.12A)	11.16 Ah	
5-hr.	(2.04A)	10.20 Ah	
1-hr.	(7.20A)	7.20 Ah	
Approximate Weight		5.18 lbs (2.3 kgs)	
Internal Resistance (approx.)		15mΩ	
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	5° F
102%	100%	85%	65%



Charge Method (Constant Voltage)

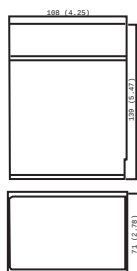
Cycle Use (Repeating Use)

Initial Current	3.6 A or smaller
Control Voltage	7.25-7.45 V

Float Use

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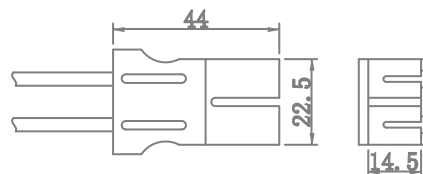
Physical Dimensions: in (mm)



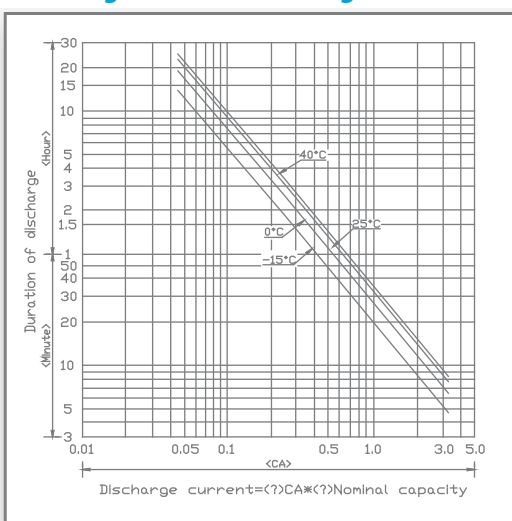
L: 4.25in (108 mm)
W: 2.78in (70.6 mm)
H: 5.47in (138.9 mm)
TH: 5.47in (138.9 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

Terminals

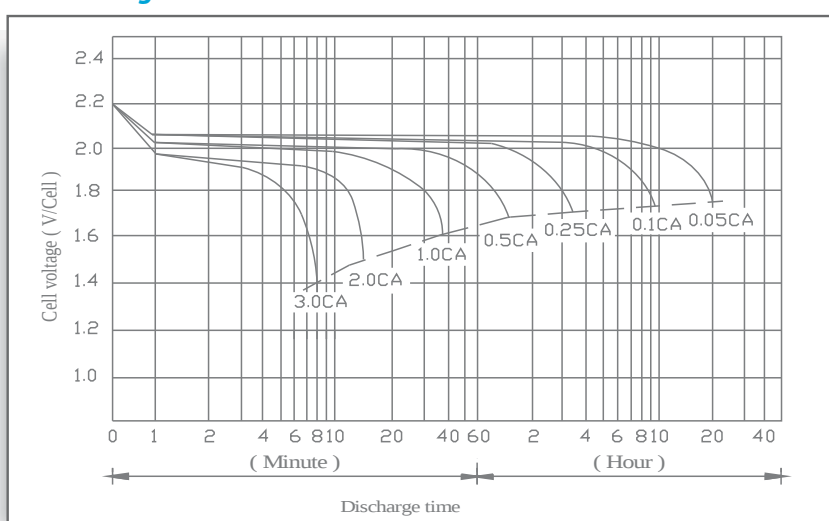
P Series (P2)



Discharge Time vs. Discharge Current



Discharge Characteristics

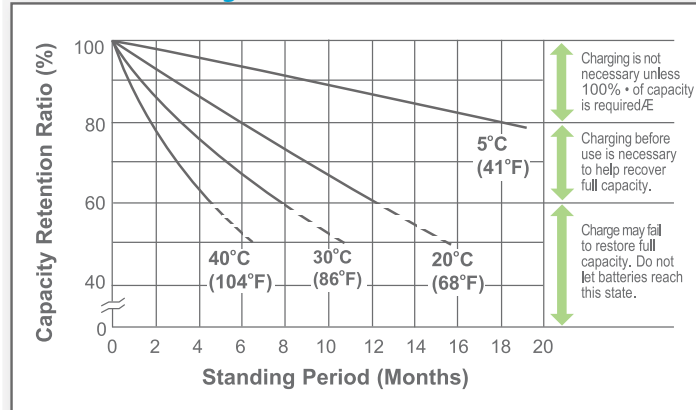
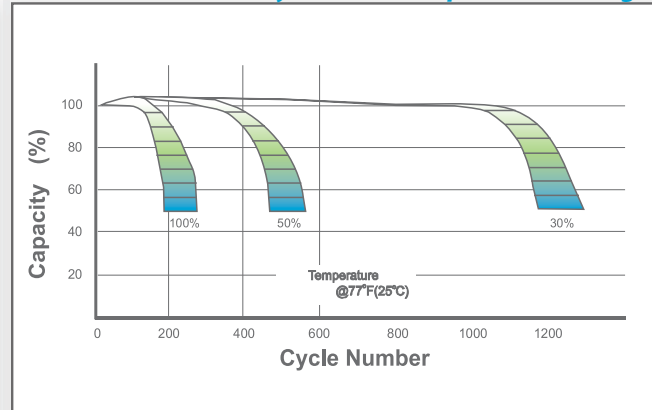
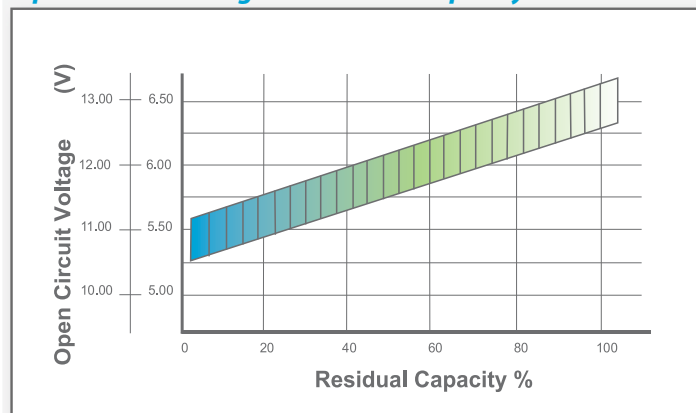
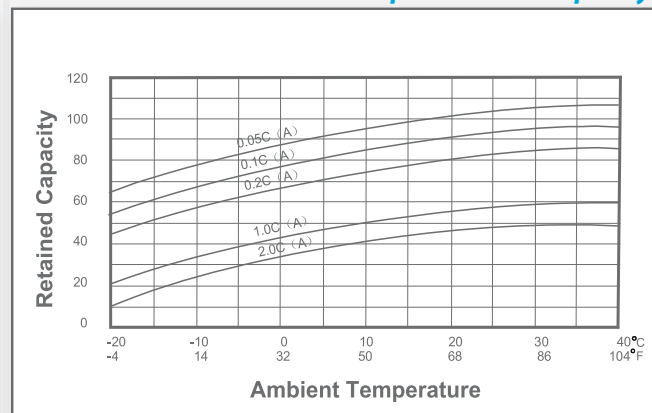


ISO 9001:2008

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www.upgi.com

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						
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)	2.325	2.30~2.35						



Let UPG Power Your Life.

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