Sealed Lead-Acid Battery

UPG No. 45966

UBGC2

Maintenance-Free

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. r ecognized under file number MH 20567.

Specification

Nominal Voltage	6 volts
Nominal Capacity	77º F (25º C)
20-hr. (10.0A)	200 Ah
10-hr. (18.6 A)	186 Ah
5-hr. (34 A)	170 Ah
1-hr. (120 A)	120 Ah
Approximate Weight	62.4 lbs (28.3 kgs)
Internal Resistance (approx.)	4 mΩ

Shelf Life (% of normal capacity at 77º F (25º C))

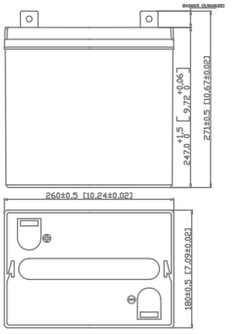
3 Months	6 Months	12 Months
91%	82%	64%

Temperature Dependancy of Capacity (20 hour rate)

104º F	77º F	32º F	5º F
102%	100%	85%	65%

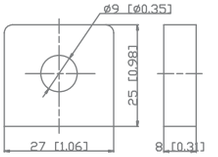
Charge Method (Constant Voltage)	
Cycle Use (Repeating Use)	
Initial Current	60 A or smaller
Control Voltage	7.20 - 7.5 V
Float Use	
Control Voltage	6.8 - 6.9 V

Physical Dimensions: in (mm)

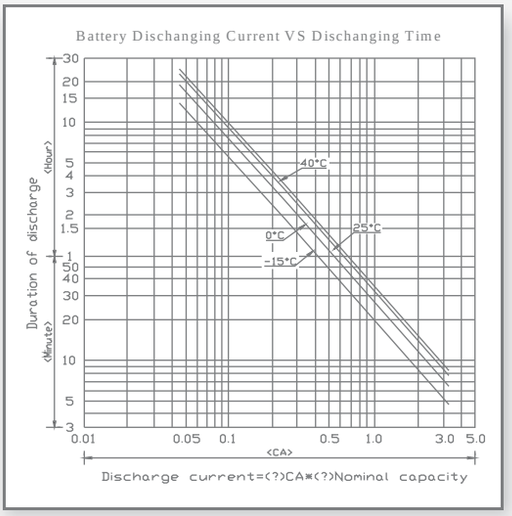


L: 10.24in (260 mm)
W: 7.09in (180 mm)
H: 9.72in (247 mm)
TH: 10.67in (271 mm)
Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

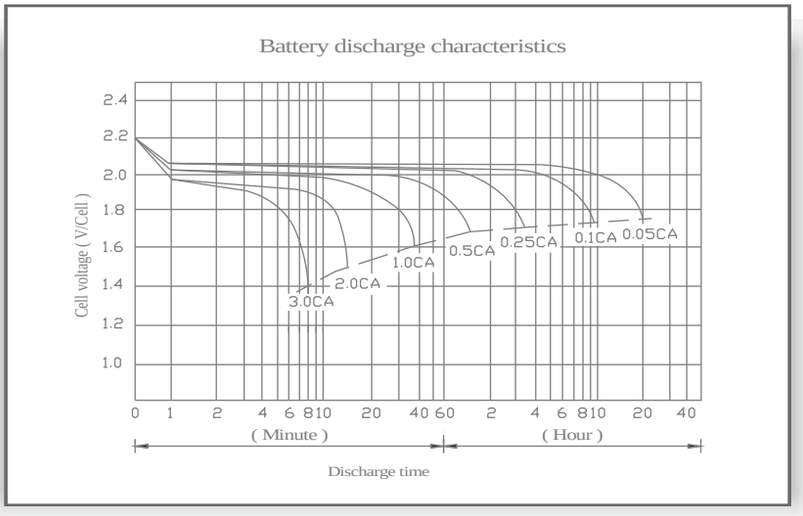
Terminals



Discharge Time vs. Discharge Current



Discharge Characteristics



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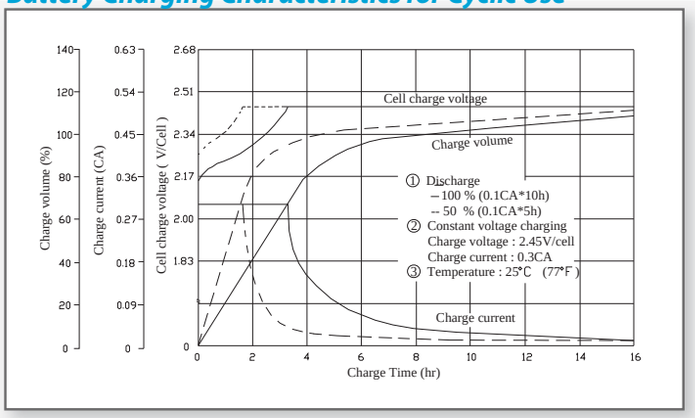
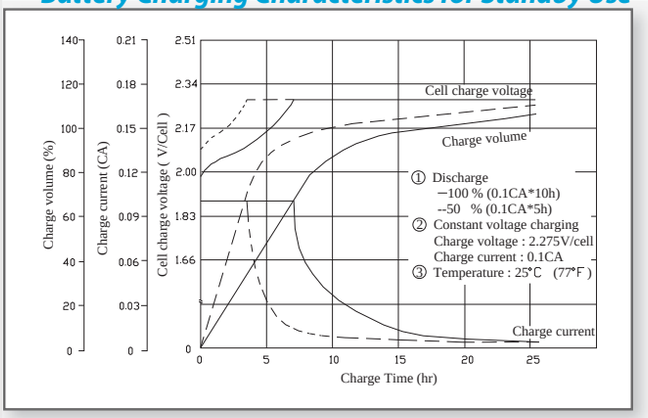
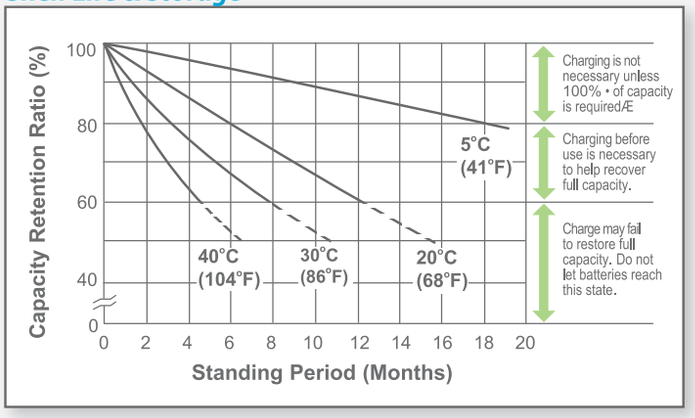
Battery Charging Characteristics for Cyclic Use



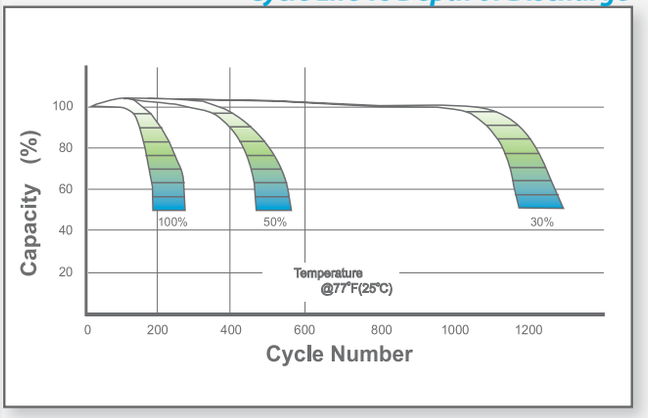
Battery Charging Characteristics for Standby Use



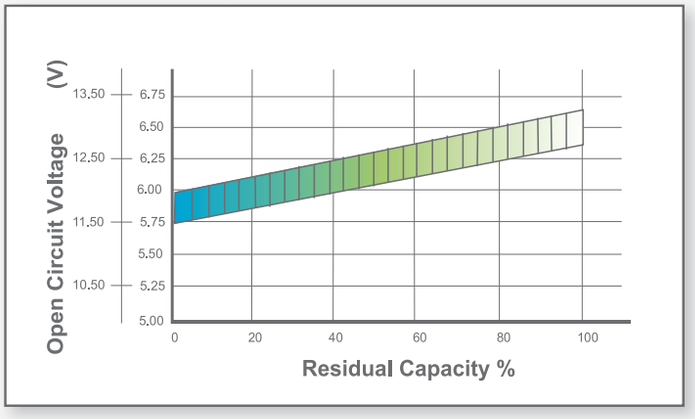
Shelf Life & Storage



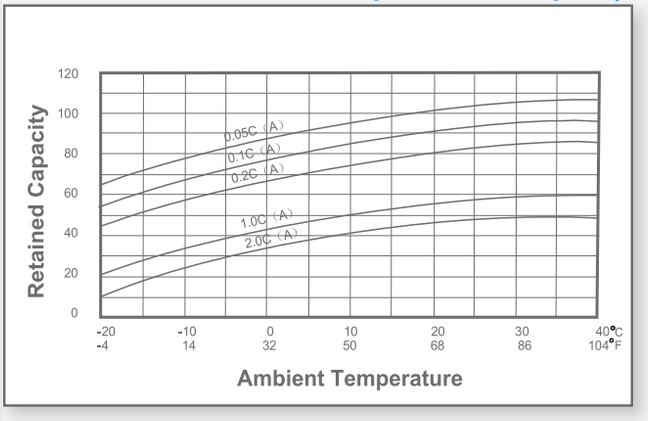
Cycle Life vs Depth of Discharge



Open Circuit Voltage vs Residual Capacity



Effect of Temperature on Capacity



Charge Current & Final Discharge Voltage

Application	Charge Voltage(V/Cell)			Max.Charge Current
	Temperature	Set Point	Allowable Range	
Cycle Use	25℃(77℉)	2.45	2.40~2.50	0.35C
Standby	25℃(77℉)	2.325	2.30~2.35	

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

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ISO 9001 :2008

Let UPG Power Your Life.

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