UPG No. 40653

Sealed Lead-Acid Battery

UB16600

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. recognized under file number MH 20567.

Specification

Nominal Voltage	16V (8 cells)
Nominal Capacity	77º F (25º C)
20-hr. (3.00A)	60.0 Ah
10-hr. (5.58A)	55.8 Ah
5-hr. (10.2A)	51.0 Ah
1-hr. (36.0A)	36.0 Ah
CCA	610
Approximate Weight	50.71 lbs (23.0 kgs)
Internal Resistance (approx.)	12mΩ

Shelf Life (% of normal capacity at 68º F (20º C)

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

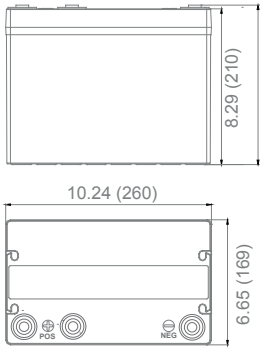
Temperature Dependency of Capacity (20 hour rate)

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 Temperature	5˚F to 104˚F (-15˚C to 40˚C)

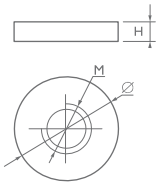
Charge Method (Constant Voltage)	
Cycle Use (Repeating Use)	
Initial Current	18 A or smaller
Control Voltage	19.2 - 19.8 V
Float Use	
Control Voltage	18.2 - 18.4 V

Physical Dimensions: in (mm)

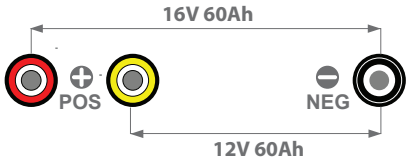


L: 10.24in (260 mm)
W: 6.65in (169 mm)
H: 8.29in (210 mm)
TH: 8.44in (214.5 mm)
Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

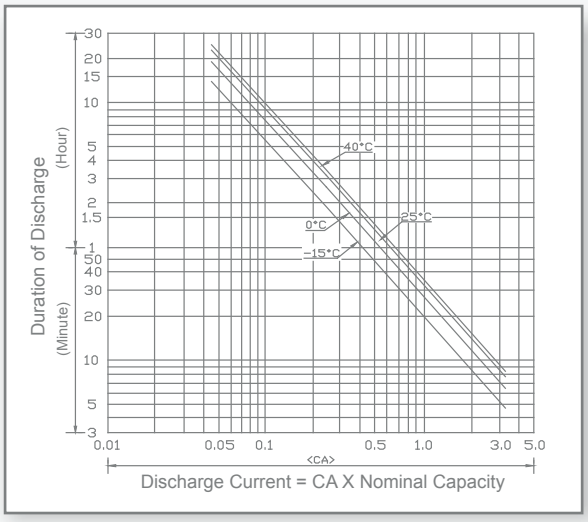
Terminals



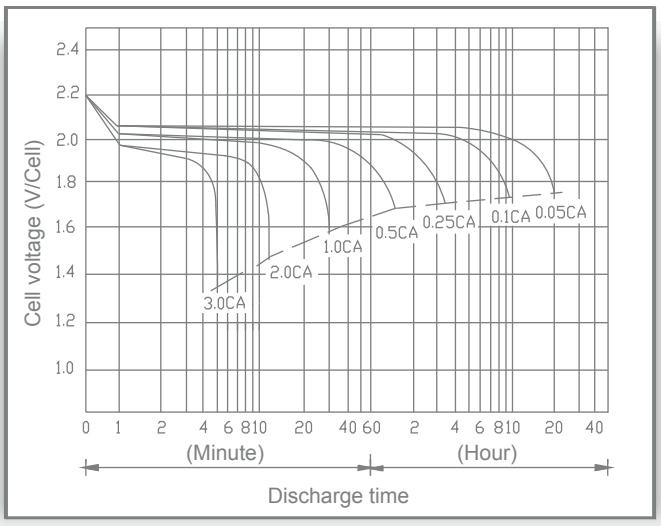
Type \ Dimension	M	∅	H
I 11	10 mm 0.39 in	19 mm 0.75 in	4.5 mm 0.18 in



Discharge Time vs. Discharge Current



Discharge Characteristics



UPG is ISO Certified

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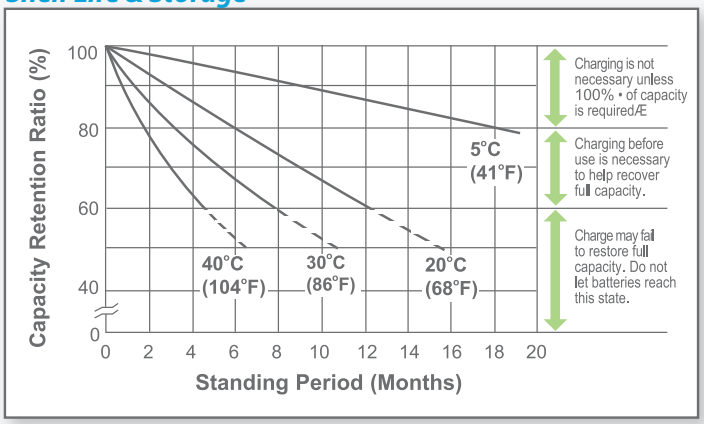
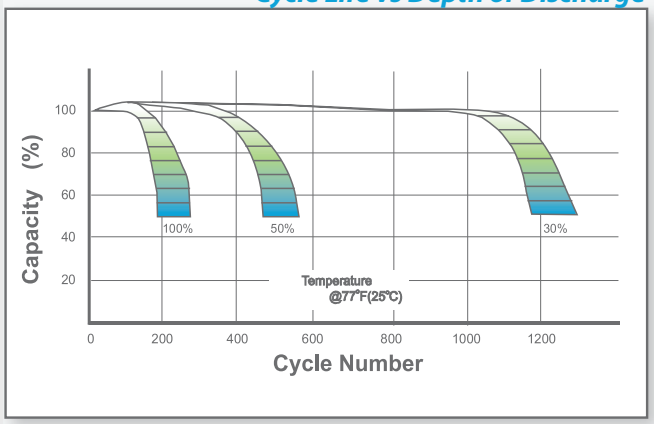
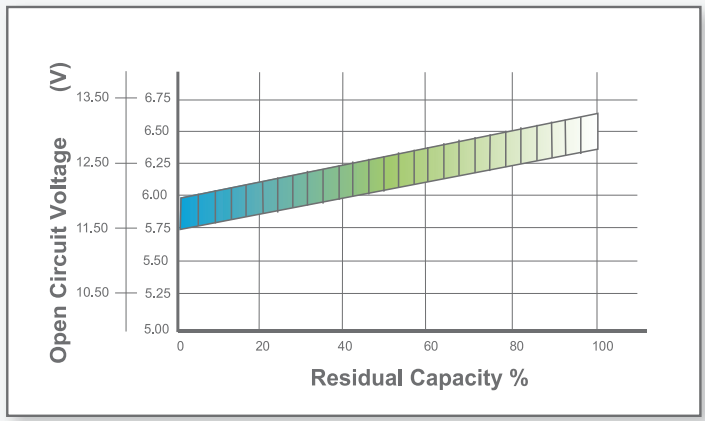
Shelf Life & Storage



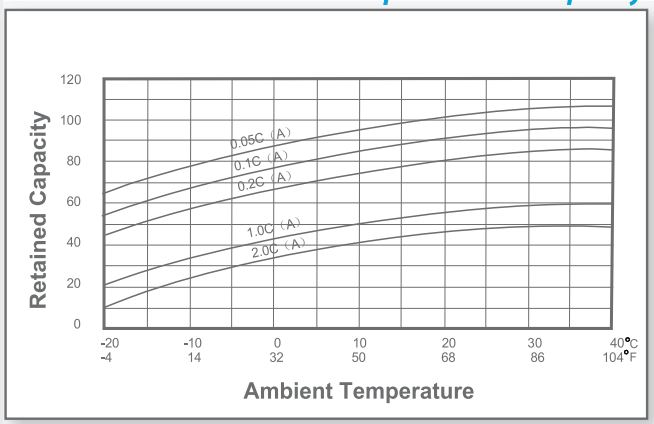
Cycle Life vs Depth of Discharge



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	2.40~2.47	0.30C
Standby	25℃(77℉)	2.28	2.27~2.30	

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

UPG
STAY POWERED

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