



Sealed Lead-Acid Battery

UPG No. 40760

UB1272

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.

Maintenance-Free

Specification

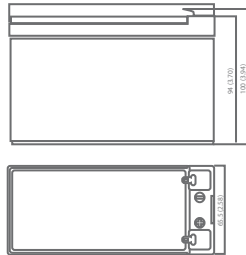
Nominal Voltage	12 volts (6 cells)		
Nominal Capacity (AH)	7.2AH		
20-hr. (0.36A)	7.2AH		
10-hr. (? A)	? Ah		
5-hr. (?A)	? Ah		
1-hr. (?A)	? Ah		
Approximate Weight	5 lbs (2.25 kgs)		
Terminal - Connector Insert	TTC22-1		
Max Discharge Current for 5 sec. (A)	105 A		
Max Charge Current (A)	2.5 A		
Ambient Temperature			
Charge	0°C (32°F) to 40°C (104°F)		
Discharge	-20°C (-4°F) to 50°C (122°F)		
Storage	-20°C (-4°F) to 40°C (104°F)		
Expected Life for Standby Use at 20°C	1-3 Years		
Case	ABS Plastic		
Temperature Dependency of Capacity	(20 hour rate)		
104° F	77° F	32° F	5° F
102%	100%	85%	65%



Self Discharge Characteristics

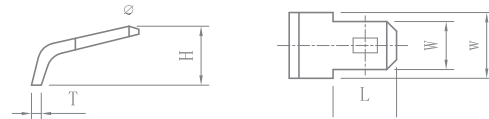
Ageing Time	3 Months	6 Months	12 Months
Residual Capacity	91%	82%	64%

Physical Dimensions: in (mm)



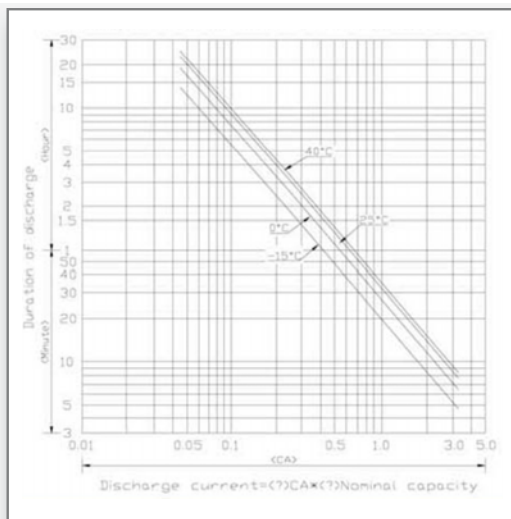
L: 5.94in (151 mm)
W: 2.58in (65.5 mm)
H: 3.70in (94 mm)
TH: 3.94in (100 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

Terminals

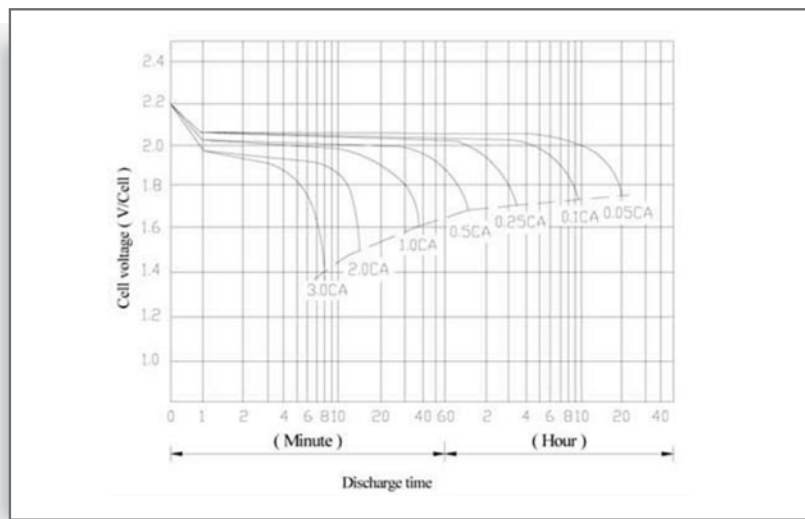


Dimension Type	L	W	w	H	T
F2	7.80	6.35	7.80	6.00	0.80

Discharge Time vs. Discharge Current



Discharge Characteristics

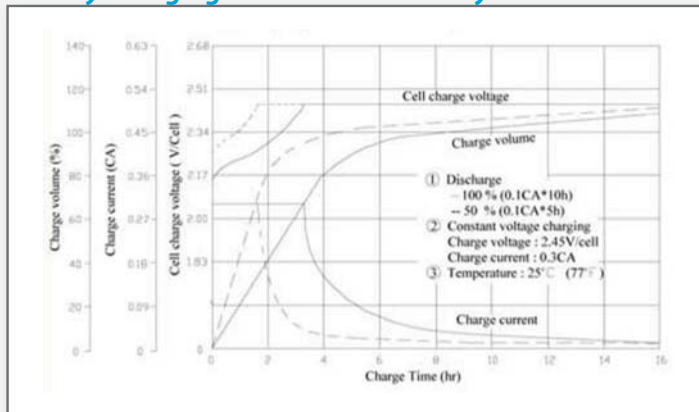


ISO 9001:2008

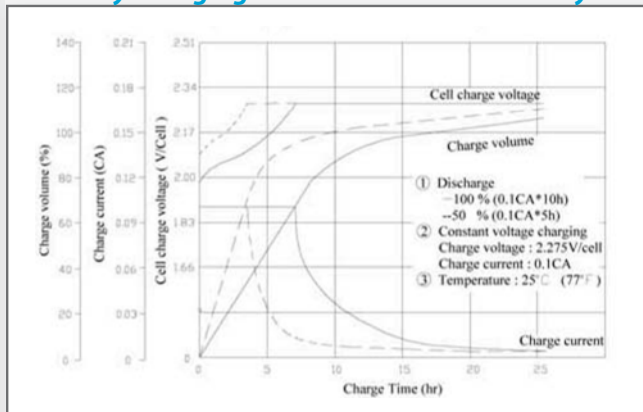
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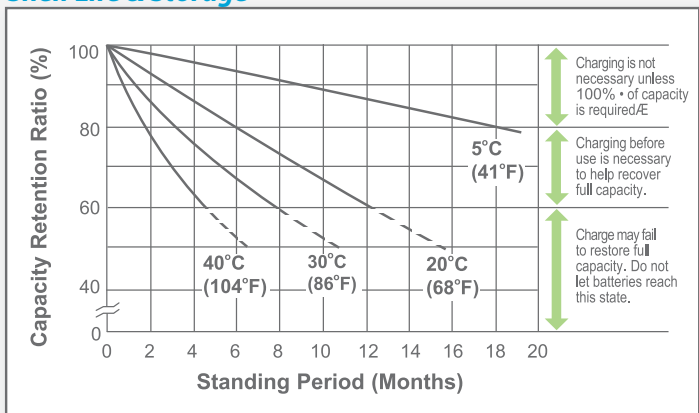
Battery Charging Characteristics for Cyclic Use



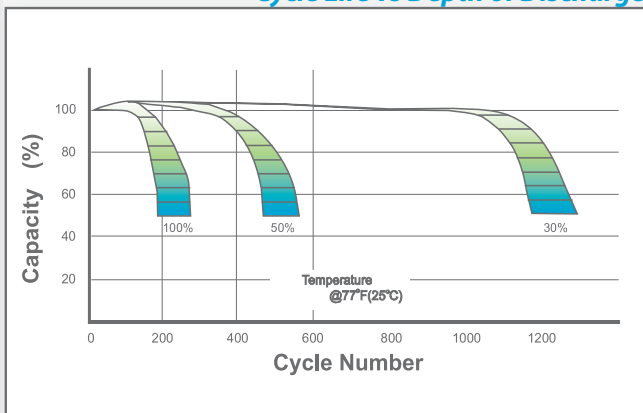
Battery Charging Characteristics for Standby Use



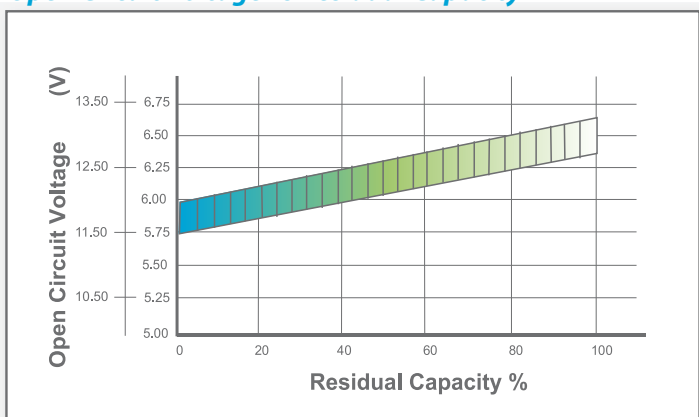
Shelf Life & Storage



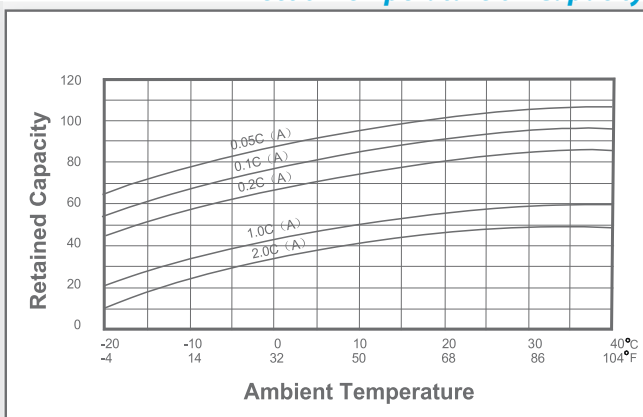
Cycle Life vs Depth of Discharge



Open Circuit Voltage vs Residual Capacity



Effect of Temperature on Capacity



Charge Current & Final Discharge Voltage

Application	Charge Voltage(V/Cell)			Max.Charge Current	Final Discharge Voltage V/Cell	Discharge Current(A)	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	0.35C	Discharge	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							



ISO 9001 :2008

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