

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.

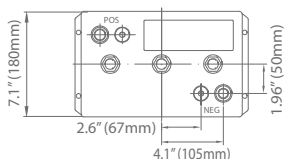
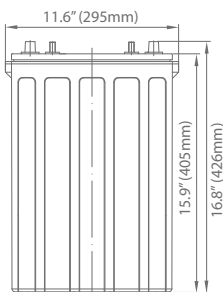
Specification

Nominal Voltage	6V		
Nominal Capacity			
20-hr. (19A)	380 Ah		
10-hr. (36A)	360 Ah		
5-hr. (63A)	315 Ah		
1-hr. (206A)	206 Ah		
Approximate Weight	123 lbs (55.7 kgs)		
Internal Resistance (approx.)	2.3mΩ		
Shelf Life (% of normal capacity at 77° (25°C))			
3 Months	6 Months	12 Months	
25°C	35°C	45°C	
Temperature Dependency of Capacity			
45°C	25°C	0°C	-18°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)	Max. 95A
Initial Current	7.2 - 7.35V
Control Voltage	
Float Use	6.8 - 6.9V
Control Voltage	

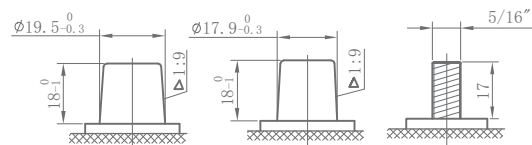
Physical Dimensions: in (mm)



L: 11.6" (295mm)
W: 7.1" (180mm)
H: 15.9" (405mm)
TH: 16.8" (426mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

Terminals

Automotive Post & Stud APS



Constant Current Discharge - Amps at 20°C (68°F)

End Point Volts/ Cell	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	100HR
1.60V	--	--	--	239	97.3	62.5	33.9	3.93
1.65V	--	--	--	229	93.1	60.0	32.7	3.79
1.70V	--	--	--	217	89.0	57.5	31.3	3.64
1.75V	--	--	--	206	84.8	55.0	30.0	3.48
1.80V	--	--	--	202	83.2	53.9	29.6	3.43

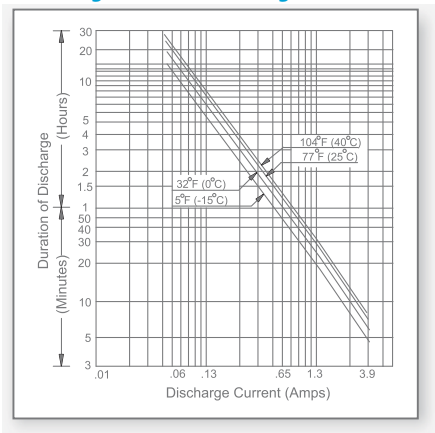
Constant Power Discharge - Watts Per Cell at 20°C (68°F)

End Point Volts/ Cell	10MIN	15MIN	30MIN	45MIN	1HR	2HR	3HR	5HR
1.60V	--	--	--	520	416	241	183	121
1.65V	--	--	--	505	404	235	178	119
1.70V	--	--	--	489	394	229	174	116
1.75V	--	--	--	474	382	223	169	113
1.80V	--	--	--	457	370	217	165	110

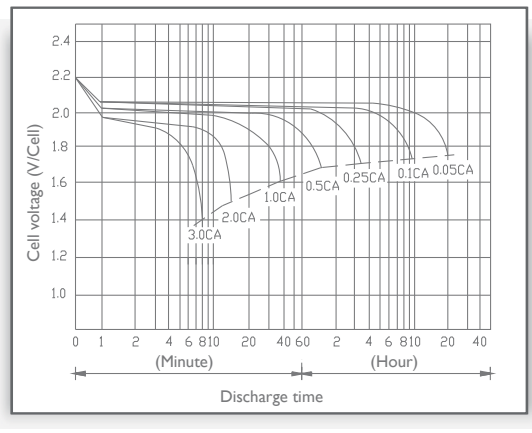
UB63800

Maintenance-Free

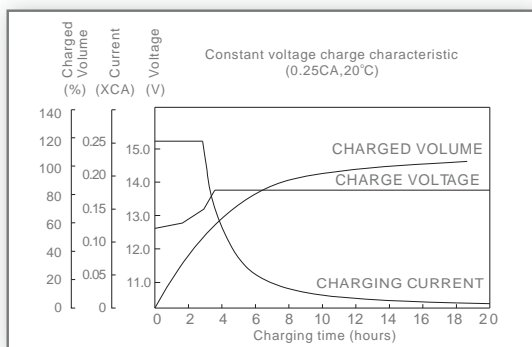
Discharge Time vs. Discharge Current



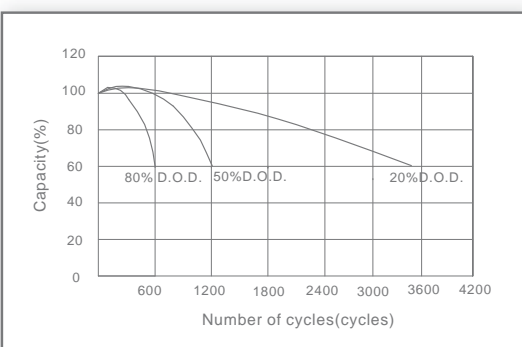
Discharge Characteristics



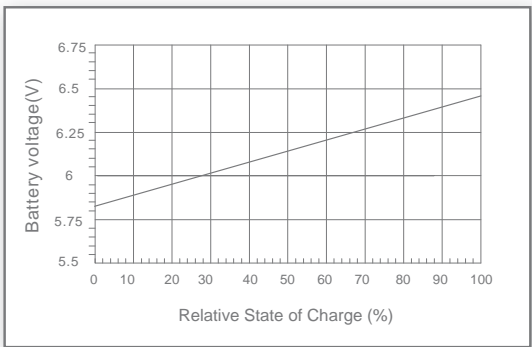
Charge Characteristic Curve



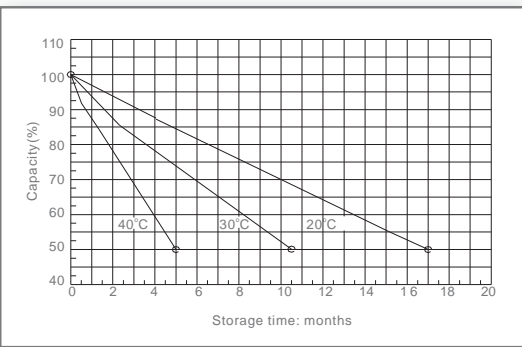
Cycle Service Life in Relation to Depth of Discharge



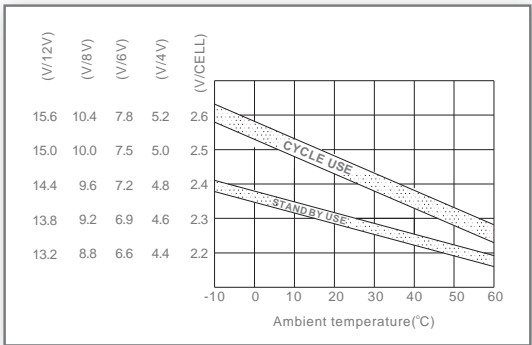
Relationship of OCV and State of Charge (20°C)



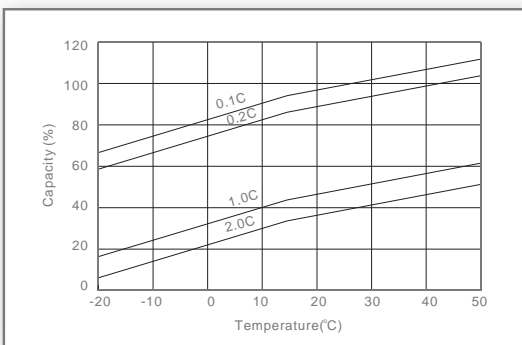
Self Discharge Characteristic



Relationship Between Charging Voltage and Temperature



Temperature Effects on Capacity



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