



POWERSTRIDE BATTERY

UB63800

Maintenance-Free

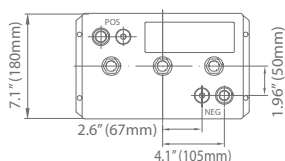
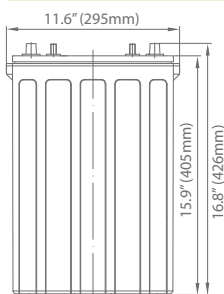
Specification

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	

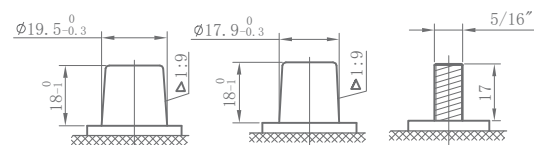
Physical Dimensions: in (mm)



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

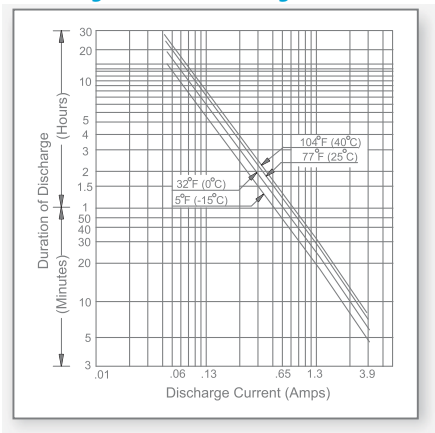


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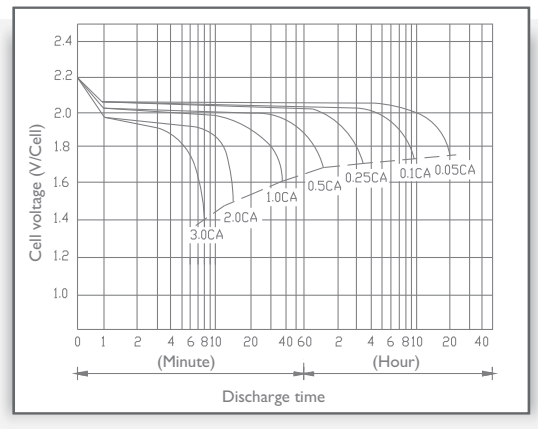
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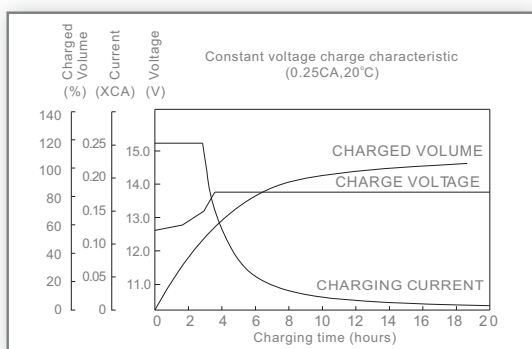
Discharge Time vs. Discharge Current



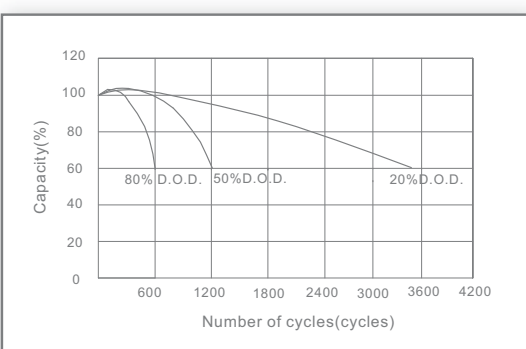
Discharge Characteristics



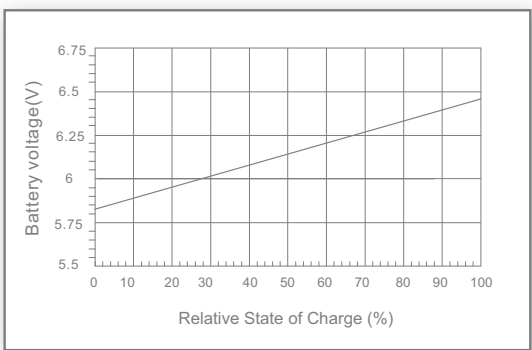
Charge Characteristic Curve



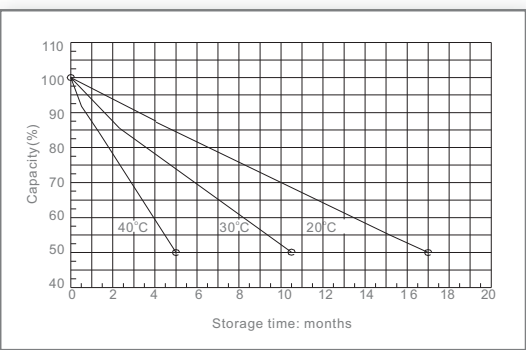
Cycle Service Life in Relation to Depth of Discharge



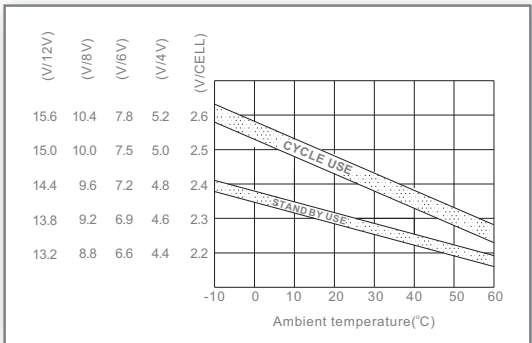
Relationship of OCV and State of Charge (20°C)



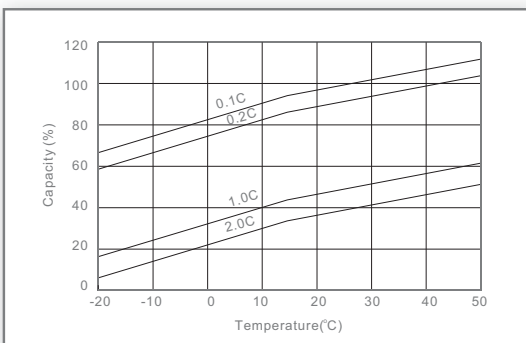
Self Discharge Characteristic



Relationship Between Charging Voltage and Temperature



Temperature Effects on Capacity



PERRY JOHNSON REGISTRARS, INC.

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