Battery Specification Sheet

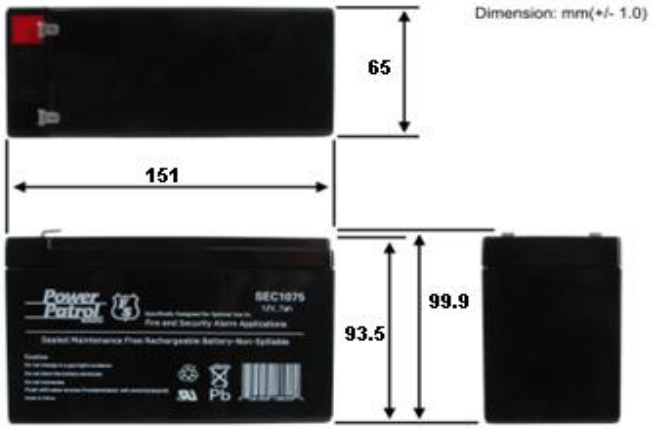
SEC1075

Technical Specifications

Nominal Voltage	12 V
Nominal Capacity	7.0 Ah (20 Hr Rate)
Chemistry	Lead Acid - AGM

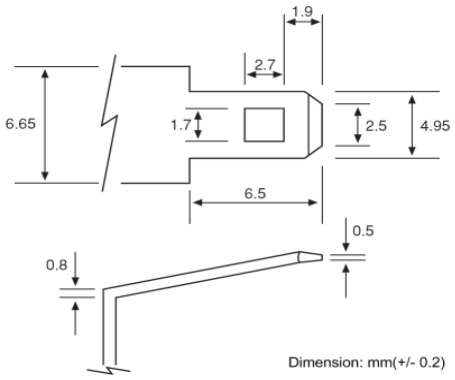
Physical Specifications

Length:	151 mm	5.94 in.
Width:	65 mm	2.56 in.
Height:	93.5 mm	3.68 in.
Height w/ Terminal:	99.9 mm	3.92 in.
Weight	2.20 kg	4.85 lbs.
Terminal Type		.187" Faston
Case Material		Black ABS



Charging Specifications

Max. Charge Current			2.10 A
Recommended Charge Current			1.05 A
		Bloc	Per Cell
Charge Voltage	Float	13.5~13.8	2.25~2.30
(constant)	Cycle	14.4~15.0	2.40~2.50



Capacity Specifications

Cut-off Voltage	20 Hr Rate	(.35A)	7.0 Ah
1.75 volts/cell @ 25°C	10 Hr Rate	(.67A)	6.65 Ah
1.70 volts/cell @ 25°C	5 Hr Rate	(1.19A)	5.95 Ah
1.55 volts/cell @ 25°C	1 Hr Rate	(4.2A)	4.2 Ah
Self Discharge @25°C (77°F)	91% After 3 Months 82% After 6 Months 64% After 12 Months		
Internal Resistance			20 mΩ

Due to changes in the manufacturing processes, specifications are subject to change without notice

BAZR2.MH18830

Recommended Application: Standby Power Supplies

CAUTION: Do not charge in a sealed container. Avoid Short Circuit. Before using this battery in high current applications(>3C), consult with Interstate Batteries.

Notes: Leak-proof/spill-proof. Most SLA(Sealed Lead Acid) batteries now use AGM(Absorbent Glass Mat) technology which has largely replaced the old "gel" technology. In an AGM battery, fiberglass mats absorb the acid and hold it against the lead plates inside the battery. Because the acid is absorbed by the sponge-like mats, it will not leak or spill (provided proper charging and usage instructions are followed). Additional safety features include the use of special sealing epoxies, tongue-and-groove case and cover construction as well as long sealing paths for post and connectors. Our AGM batteries are approved for all modes of transport(water, road, rail, air, etc.).

Power Patrol® Batteries

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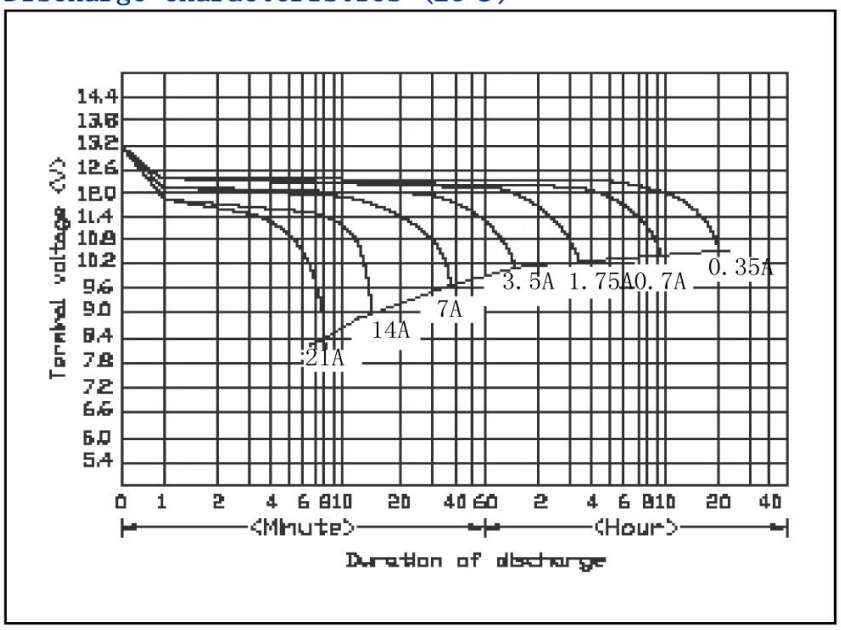
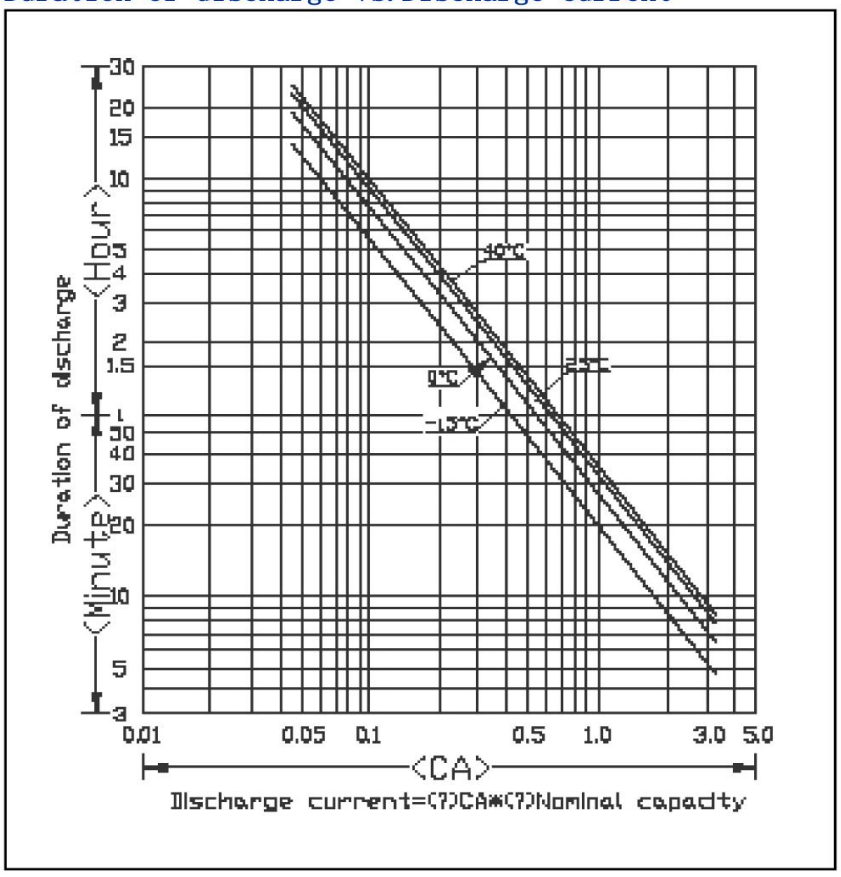
Discharge characteristics (25℃)



Duration of discharge vs.Discharge current



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