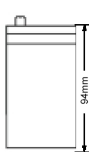
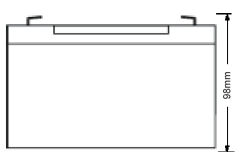
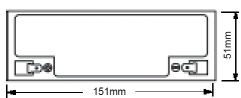




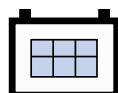
HIGH PERFORMANCE AM 6-10

SEALED RECHARGEABLE LEAD ACID BATTERY

Dimensions and Terminal



Length:151mm	Width:51mm	Height :94mm
Total Height :98mm		



Innovative Features

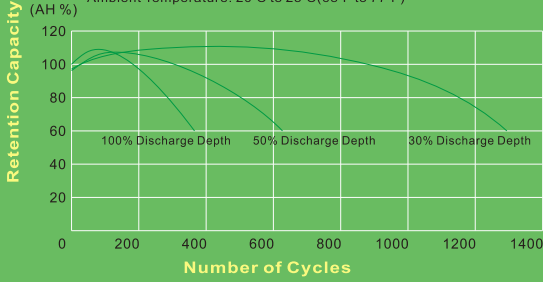
- ☑ 5-8 years design life @ 20°C(68°F) ambient temperature, 80% remaining capacity;
- ☑ UL Recognized component;
- ☑ Rechargeable VRLA batteries with an electrolyte retained in a glass mat with a very fine glass fibre structure.
- ☑ High-Compression Absorbed Glass Mat technology (AGM) for over 99% recombination efficiency.
- ☑ Proprietary Fixed Orifice Plate Pasting technology applying active materials on both sides of the grid for consistent cell-to-cell performance, higher capacity and uniform grid protection.
- ☑ Perfect combination between energy storage performance and reliability;
- ☑ Operates at a low internal pressure;
- ☑ Low self-discharge rate (less than 3% / month @ 20°C(68°F));
- ☑ Grid plate construction consisting of a Lead Calcium Tin alloy;
- ☑ High impact resistant ABS resin cases and covers;
- ☑ Available in V-0 Flame Retardant Material;
- ☑ In compliance with IEC 896-2;
- ☑ Wide operating temperature range;
- ☑ Sealed construction for operation in any position.

Performance Specifications

Normal Voltage	6V	
Normal Capacity	20 hour rate (500 mA to 5.25 volts): 10.0 Ah	
	10 hour rate (960 mA to 5.25 volts): 9.60 Ah	
	5 hour rate (1.76 A to 5.10 volts): 8.80 Ah	
	1 hour rate (7.50 A to 4.50 volts): 7.50 Ah	
Internal Resistance	10 milliohms	
Approximate Weight	2.00 kg (4.41 lbs)	
Applicable Operating Temperature Range	-40°C(-40°F) to +70°C (+158°F)	
Ideal Operating Temperature Range	+20°C (+68°F) to +28°C (+82.4°F)	
Charge Retention (Shelf Life) at 68°F(20°C)	1 month	97%
	3 month	91%
	6 month	85%
Standby Service	8 years	
Cycle Service	100% depth of discharge	350 cycles
	50% depth of discharge	650 cycles
	30% depth of discharge	1300 cycles
Standard Terminals	Faston Tab No.187	

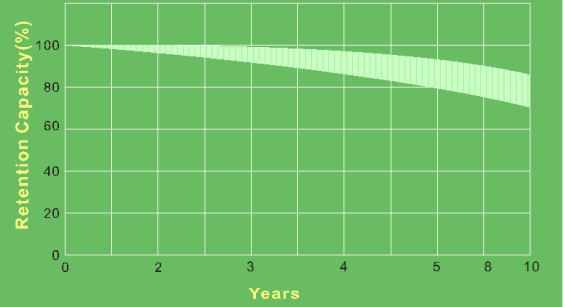
LIFE CHARACTERISTICS IN CYCLE SERVICE

Discharge Current 0.2C AMP. (Final voltage 1.70 V.P.C)
Charge Current: 0.1C AMP.
Ambient Temperature: 20°C to 25°C(68°F to 77°F)

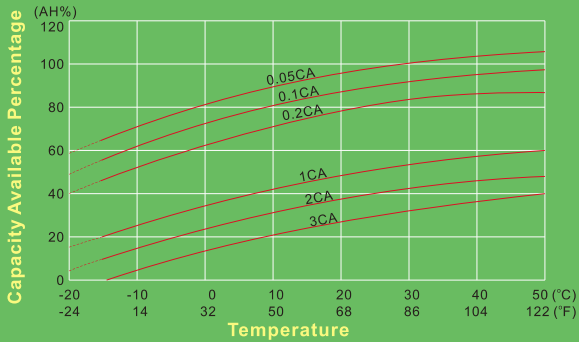


Float Service Life

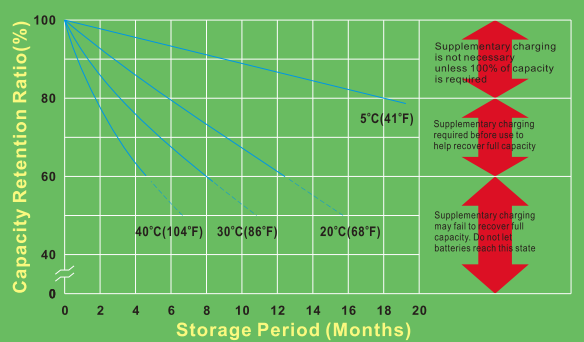
Float Charging Voltage: 2.25~2.30 V.P.C. Ambient Temperature: 20°C(68°F)



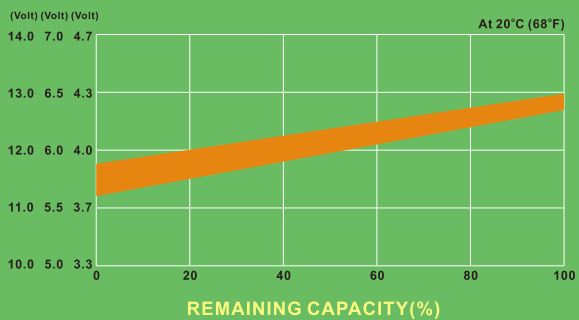
TEMPERATURE EFFECTS vs CAPACITY



SHELF LIFE AND STORAGE



OPEN CIRCUIT VOLTAGE vs REMAINING CAPACITY



DISCHARGE CHARACTERISTICS

