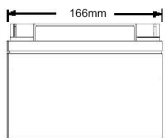
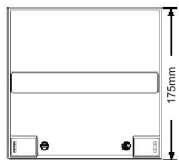




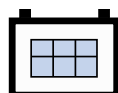
HIGH PERFORMANCE AM 12-26

SEALED RECHARGEABLE LEAD ACID BATTERY

Dimensions and Terminal



Length:176mm	Width:166mm	Height :126mm
Total Height :126mm		



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;

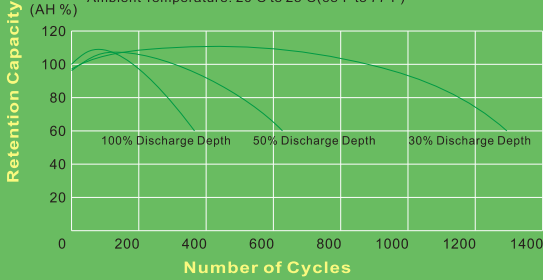
Sealed construction for operation in any position.

Performance Specifications

Normal Voltage	12V	
Normal Capacity	20 hour rate (1.30 A to 10.5 volts): 26.0 Ah	
	10 hour rate (2.45 A to 10.5 volts): 24.5 Ah	
	5 hour rate (4.50 A to 10.2 volts): 22.5 Ah	
	1 hour rate (16.0 A to 9.00 volts): 16.0 Ah	
Internal Resistance	10.0 milliohms	
Approximate Weight	8.0 kg (17.6 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	Flag or Insert	

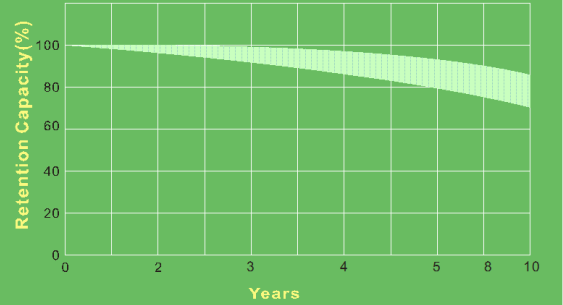
LIFE CHARACTERISTICS IN CYCLE SERVICE

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)

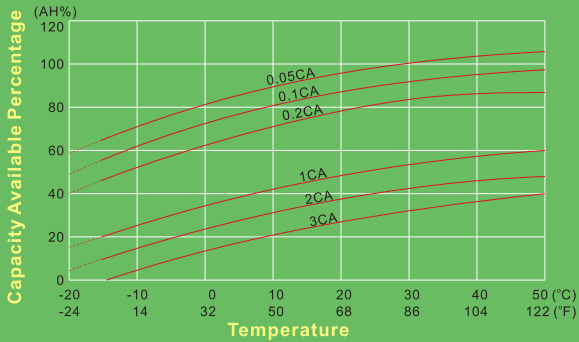


Float Service Life

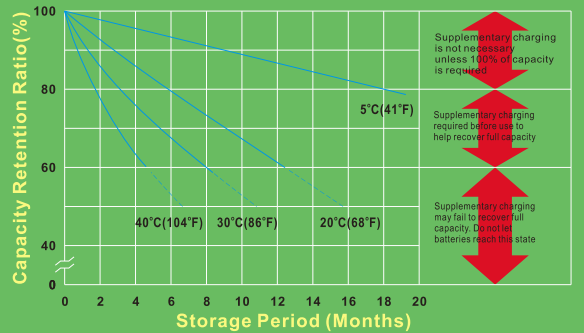
Float Charging Voltage: 2.25~2.30 V.P.C. Ambient Temperature: 20°C(68°F)



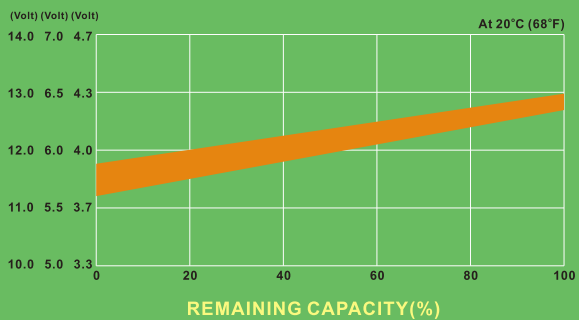
TEMPERATURE EFFECTS vs CAPACITY



SHELF LIFE AND STORAGE



OPEN CIRCUIT VOLTAGE vs REMAINING CAPACITY



DISCHARGE CHARACTERISTICS

