

## RECHARGEABLE SEALED LEAD ACID BATTERY

## SPECIFICATION

### MP3,5-4

**Nominal Voltage (V)** 4V

#### Nominal Capacity

20 hour rate	(0.175A	to	3.6V)	3.50Ah
10 hour rate	(0.326A	to	3.6V)	3.26Ah
5 hour rate	(0.588A	to	3.5V)	2.94Ah
3 hour rate	(0.856A	to	3.5V)	2.57Ah
1 hour rate	(2.12A	to	3.2V)	2.12Ah

**Weight Approx.** 450g (0.99lbs)

**Internal Resistance (at 1KHz) Approx.** 14 mΩ

#### Maximum Discharge Current for

**5 seconds:** 52.5A

#### Charging Methods at 25°C (77°F),

Cycle use:	
Charging Voltage	4.80V to 4.90V
Coefficient	-5.0mv/°C/cell
Maximum Charging Current:	1.05A
Standby use:	
Float Charging Voltage	4.50V to 4.60V
Coefficient	-3.0mv/°C/cell

#### Operating Temperature Range

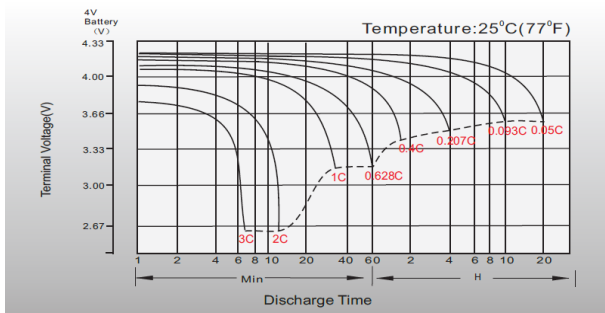
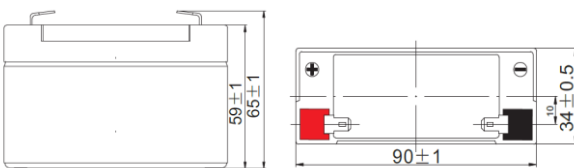
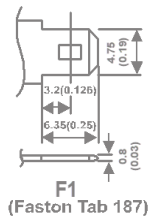
Charge	-15°C (5°F)	to	40°C (104°F)
Discharge	-15°C (5°F)	to	50°C (122°F)
Storage	-15°C (5°F)	to	40°C (104°F)

#### Charge Retention (shelf life) at 20°C (68°F)

1 month	92%
3 month	90%
6 month	80%

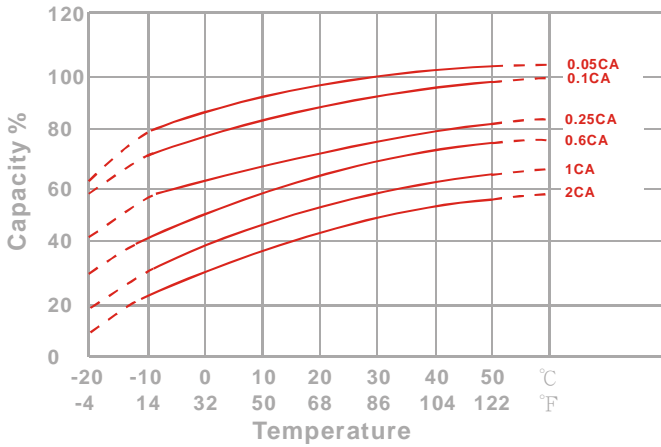
**Case Material** ABS  
(UL94 HB flame retardant case / cover)

**Terminal** F1 (Faston Tab 187)

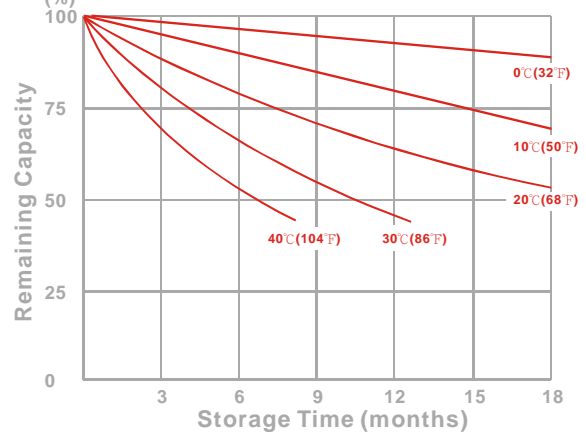


## CHARACTERISTIC

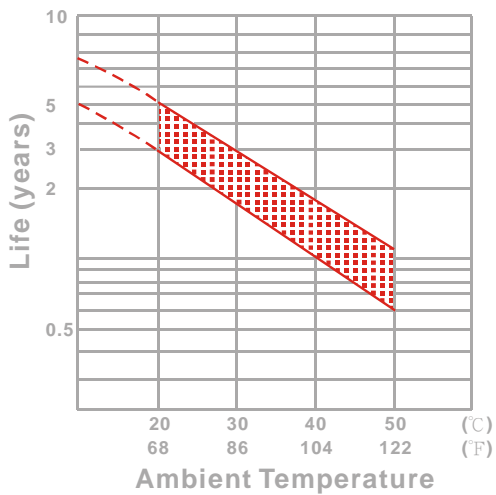
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

