

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%

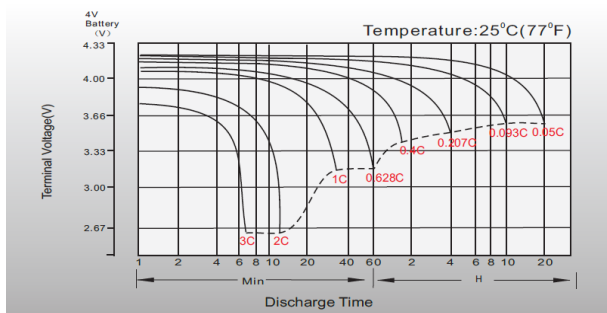
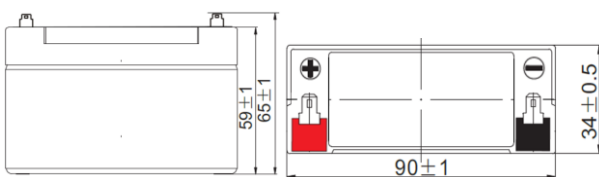
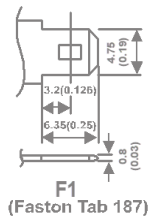
Case Material

ABS

(UL94 HB flame retardant case / cover)

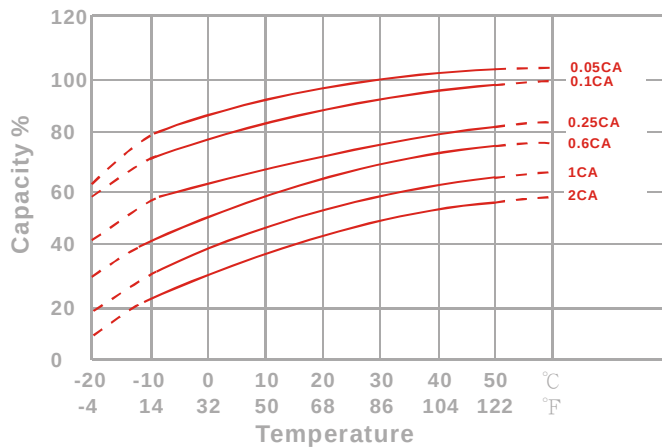
Terminal

F1 (Faston Tab 187)

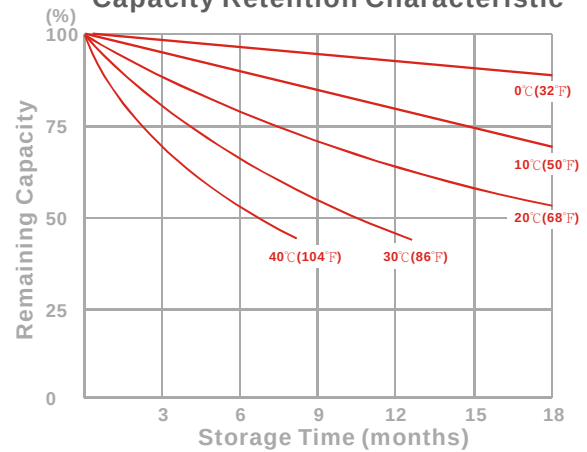


CHARACTERISTIC

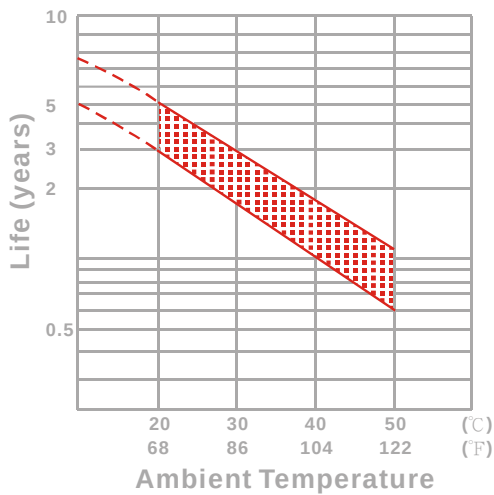
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

