

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION

MP3-8

Nominal Voltage (V) 8V

Nominal Capacity

20 hour rate	(0.150A	to	7.20V)	3.00Ah
10 hour rate	(0.298A	to	7.20V)	2.98Ah
5 hour rate	(0.538A	to	7.00V)	2.69Ah
3 hour rate	(0.783A	to	7.00V)	2.35Ah
1 hour rate	(1.94A	to	6.40V)	1.94Ah

Weight Approx. 750g (1.48lbs)

Internal Resistance (at 1KHz) Approx. 38 mΩ

Maximum Discharge Current for
5 seconds: 48.0A

Charging Methods at 25°C (77°F)

Cycle use:	
Charging Voltage	9.60V to 9.80V
Coefficient	-5.0mv/°C/cell
Maximum Charging Current:	0.96A
Standby use:	
Float Charging Voltage	9.00V to 9.20V
Coefficient	-3.0mv/°C/cell

Operating Temperature Range

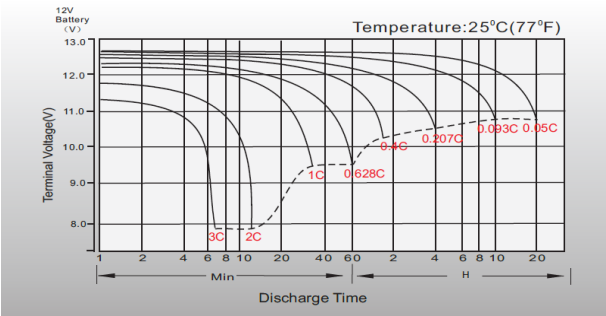
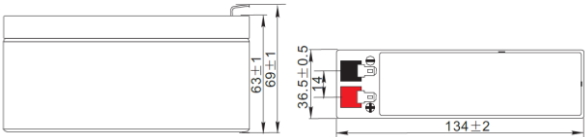
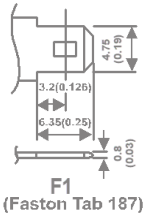
Charge	-15°C (5°F)	to	40°C (104°F)
Discharge	-15°C (5°F)	to	50°C (122°F)
Storage	-15°C (5°F)	to	40°C (104°F)

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

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

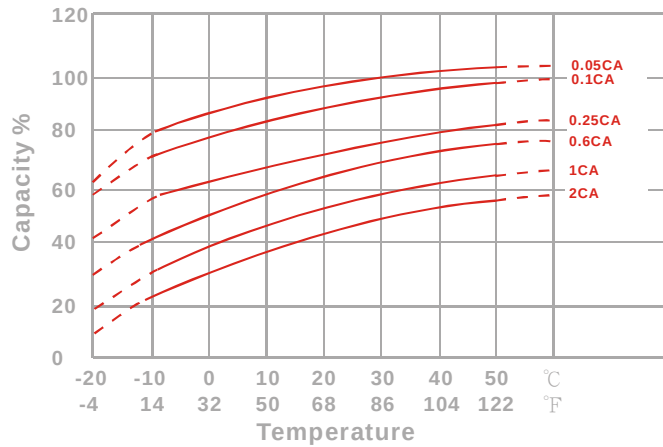
Case Material ABS
(UL94 HB flame retardant case / cover)

Terminal F1 (Faston Tab 187)

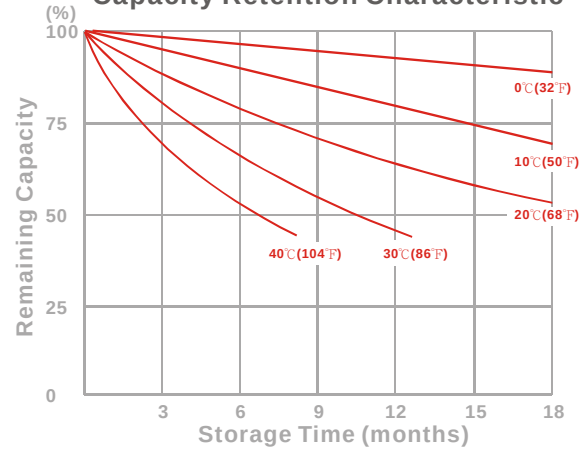


CHARACTERISTIC

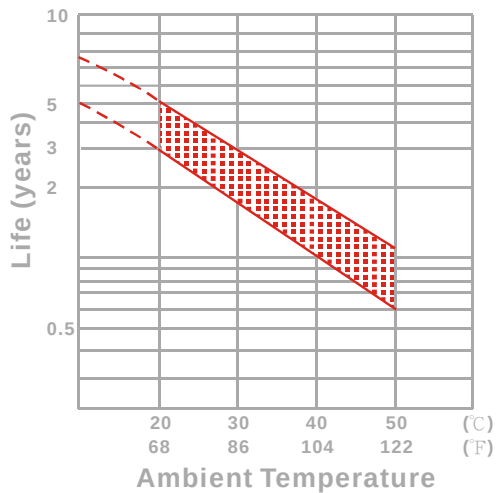
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

