

multipower - mp[®]

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%

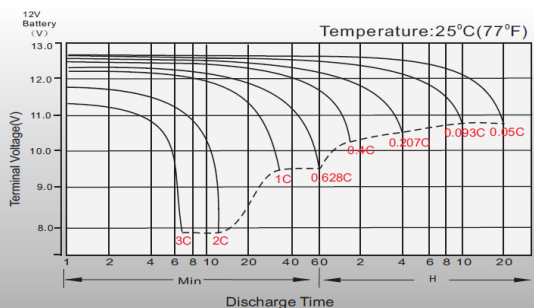
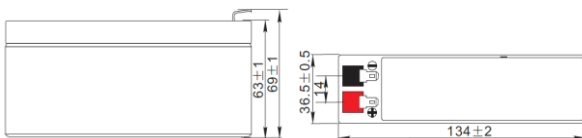
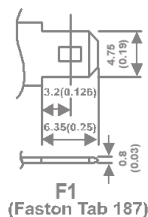
6 month 80%

Case Material

ABS
(UL94 HB flame retardant case / cover)

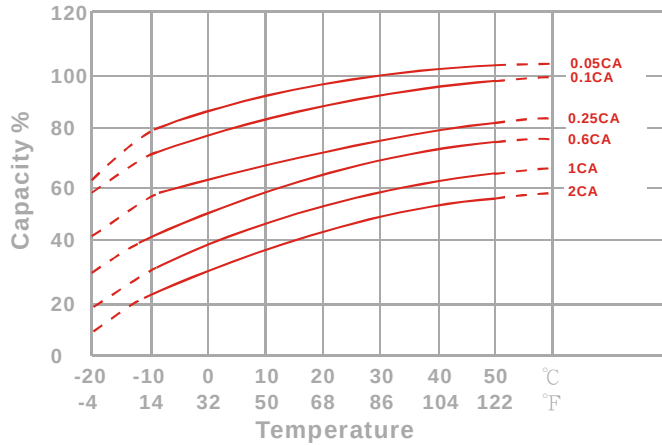
Terminal

F1 (Faston Tab 187)

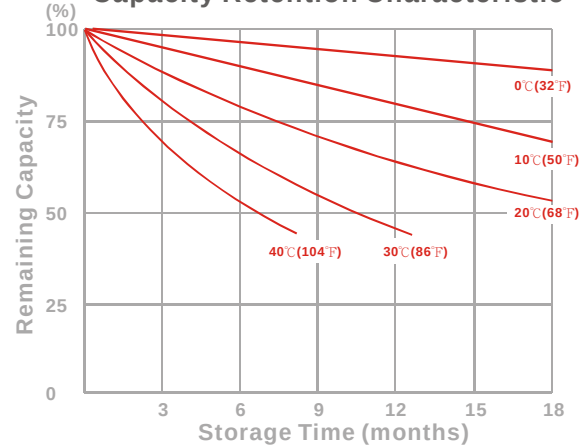


CHARACTERISTIC

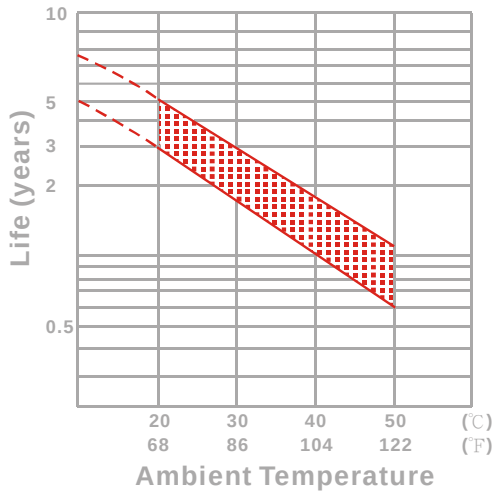
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

