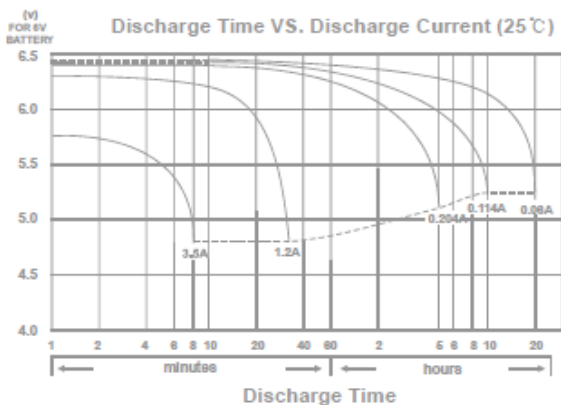
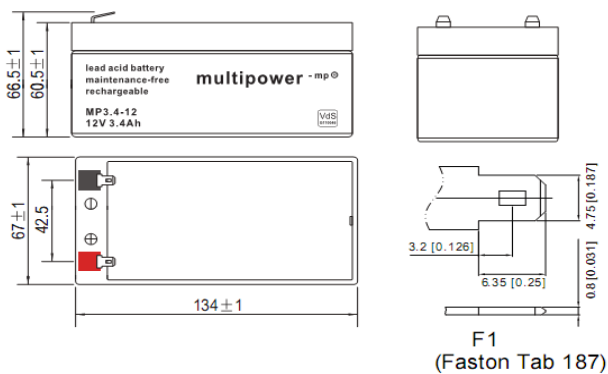


multipower - mp[®]

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION

MP3,4-12



Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate	(0.170A	to	10.50V)	3.40Ah
10 hour rate	(0.326A	to	10.50V)	3.26Ah
5 hour rate	(0.596A	to	10.20V)	2.98Ah
3 hour rate	(0.783A	to	10.20V)	2.35Ah
1 hour rate	(2.20A	to	9.60V)	2.20Ah

Weight Approx. 1.35kg (2.98lbs)

Internal Resistance (at 1KHz) Approx. 45 mΩ

Maximum Discharge Current for
5 seconds: 48.0A

Charging Methods at 25°C (77°F)

Cycle use:
Charging Voltage 14.70V to 14.80V
Coefficient -30.0mV/°C/cell
Maximum Charging Current: 1.02A
Standby use:
Float Charging Voltage 13.50V to 13.80V
Coefficient -20.0mV/°C/cell

Operating Temperature Range

Charge 0°C (32°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)

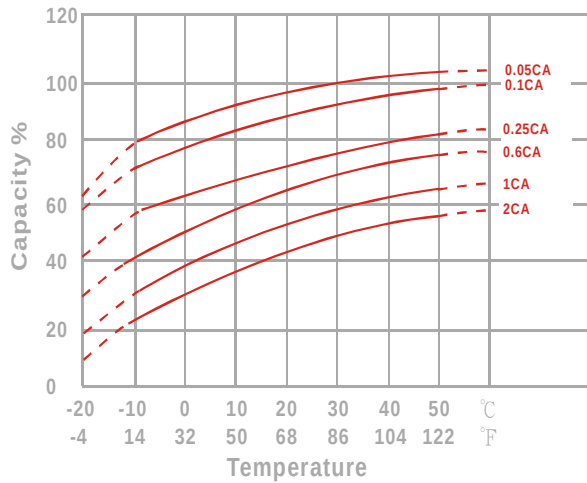
1 month	92%
3 month	90%
6 month	80%

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

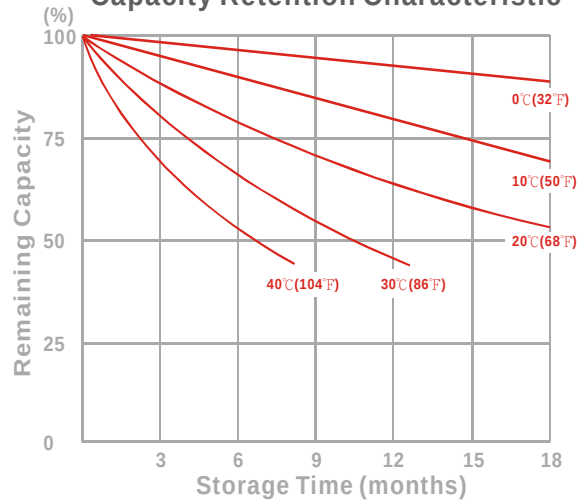
Terminal F1 (Faston Tab 187)

CHARACTERISTIC

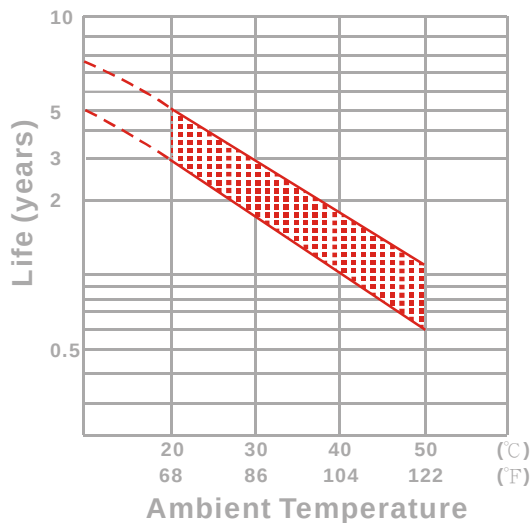
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

