

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP3-12C

Nominal Voltage(V) 12V

Nominal Capacity

15 min rate	(78W	to	9.60V)	19.5Wh
5 hour rate	(0.51A	to	10.20V)	2.55Ah
1 C	(3A	to	9.60V)	1.9Ah
3 C	(9A	to	9.60V)	1.2Ah

Weight Approx. 1.3kg(2.86Lbs.)

Internal Resistance (at 1KHz) Approx. 14 mΩ

Maximum Discharge Current for
5 seconds: 45A

Charging Methods at 25°C(77°F)

Cycle use:
Charging Voltage 14.4 to 15.0V
Coefficient -5.0mv/°C/cell
Maximum Charging Current: 0.9A

Standby use:
Float Charging Voltage 13.50 to 13.80V
Coefficient -3.0mv/°C/cell

Operating Temperature Range

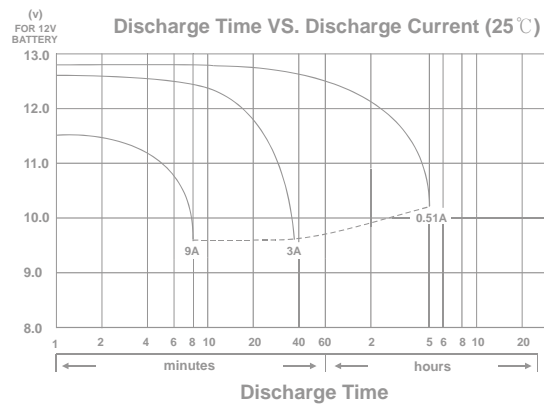
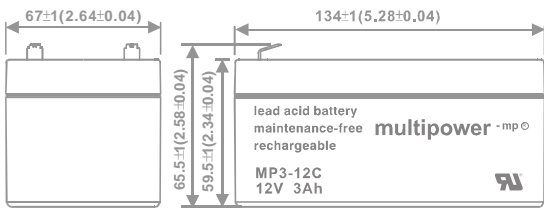
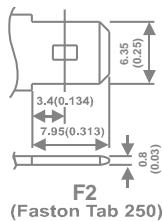
Charge -15°C(5°F) to 40°C(104°F)
Discharge -15°C(5°F) to 50°C(122°F)
Storage -15°C(5°F) to 40°C(104°F)

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

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

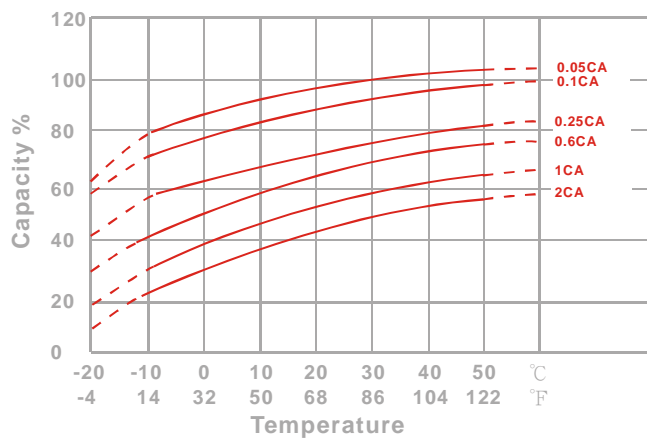
Case Material ABS
(UL94 HB flame retardant case / cover)

Terminal F2(Faston Tab 250)

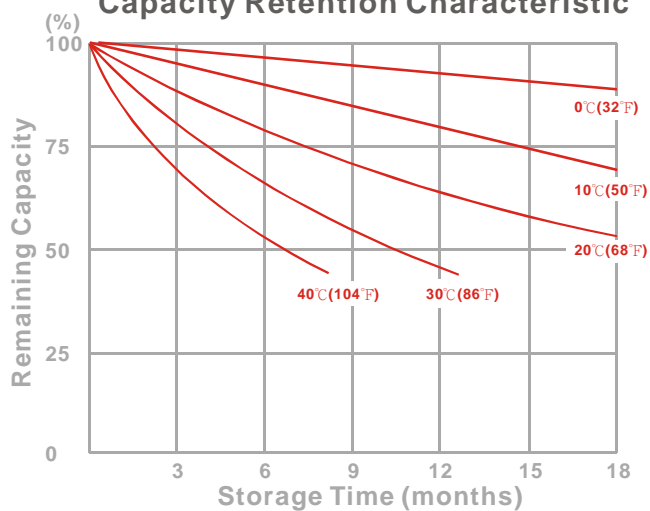


CHARACTERISTIC & PERFORMANCE DATA

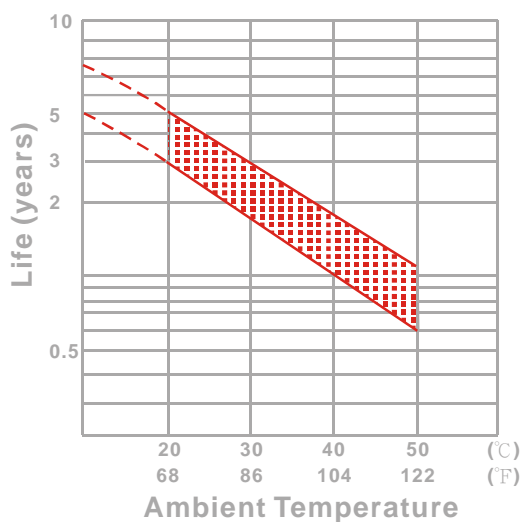
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

