



MP2,4-12C

Nominal Voltage(V) 12V

Nominal Capacity

20 hour rate	(0.12A to 10.50V)	2.4Ah
10 hour rate	(0.228A to 10.50V)	2.28Ah
5 hour rate	(0.408A to 10.20V)	2.04Ah
1 C	(2.4A to 9.60V)	1.36Ah
3 C	(7.2A to 9.60V)	0.96Ah

Weight Approx. 943g(2.07Lbs.)

Internal Resistance (at 1KHz) Approx. 37 mΩ

Maximum Discharge Current for

5 seconds: 36A

Charging Methods at 25 (77)

Cycle use:

Charging Voltage 14.4 to 15.0V

Coefficient -5.0mv/ /cell

Maximum Charging Current : 0.72A

Standby use:

Float Charging Voltage 13.50 to 13.80V

Coefficient -3.0mv/ /cell

Operating Temperature Range

Charge -15 (5) to 40 (104)

Discharge -15 (5) to 50 (122)

Storage -15 (5) to 40 (104)

Charge Retention (shelf life) at 20 (68)

1 month 92%

3 month 90%

6 month 80%

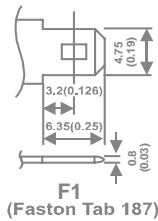
Case Material

ABS

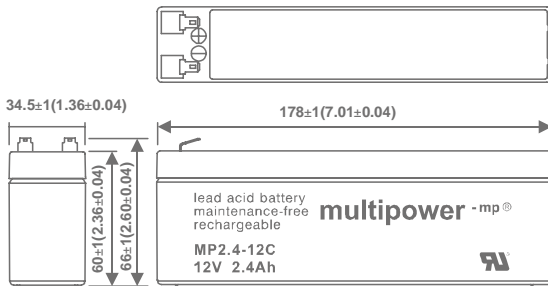
(UL94 HB flame retardant case / cover)

Terminal

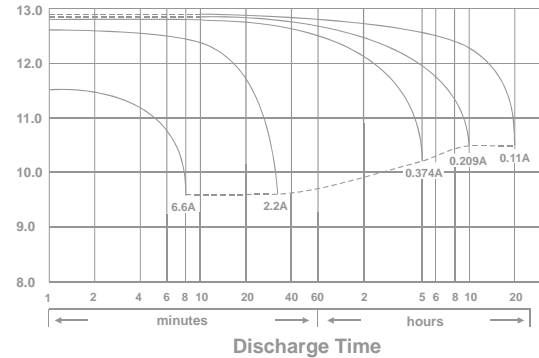
F1(Faston Tab 187)



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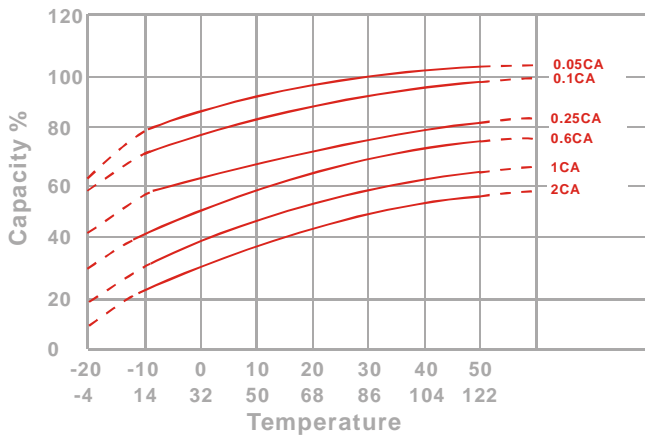


(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25)

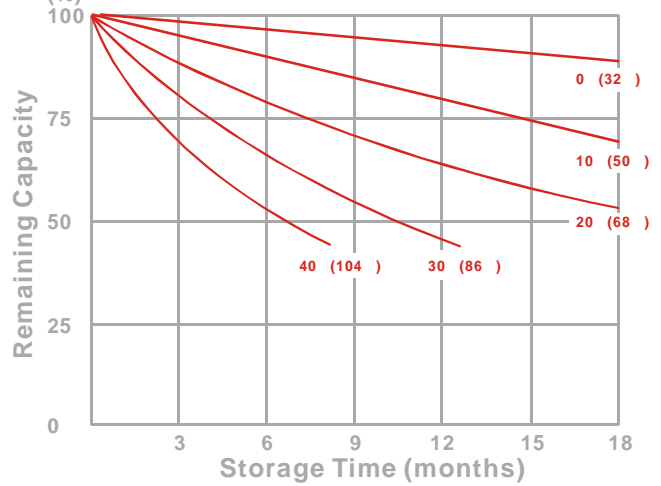


CHARACTERISTIC

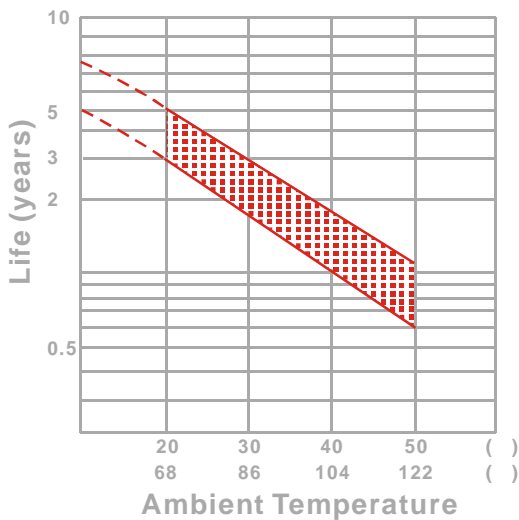
Effect of Temperature on Capacity 25 (77)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

