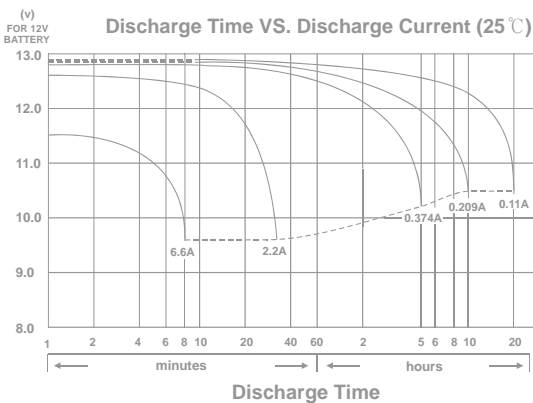
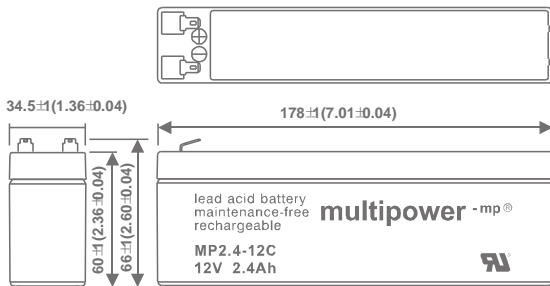
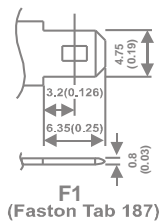


multipower -mp®

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP2,4-12C

Nominal Voltage(V) 12V

Nominal Capacity

20 hour rate	(0.12A	to	10.50V)	2.40Ah
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°C (77°F)

Cycle use:	
Charging Voltage	14.7 to 14.8V
Coefficient -5.0mv/°C/cell	
Maximum Charging Current:	0.72A
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

(UL94 HB flame retardant case / cover)

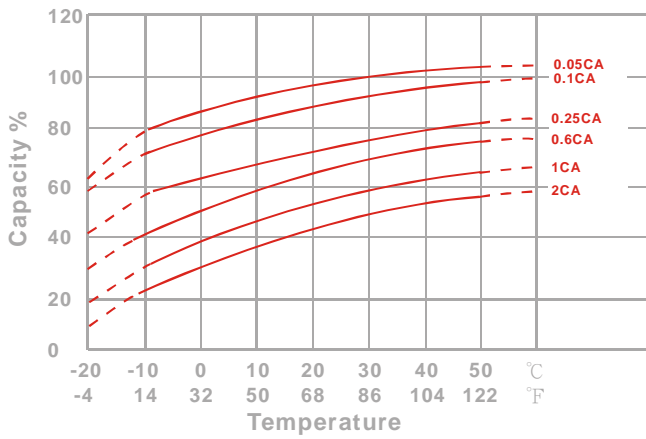
ABS

Terminal

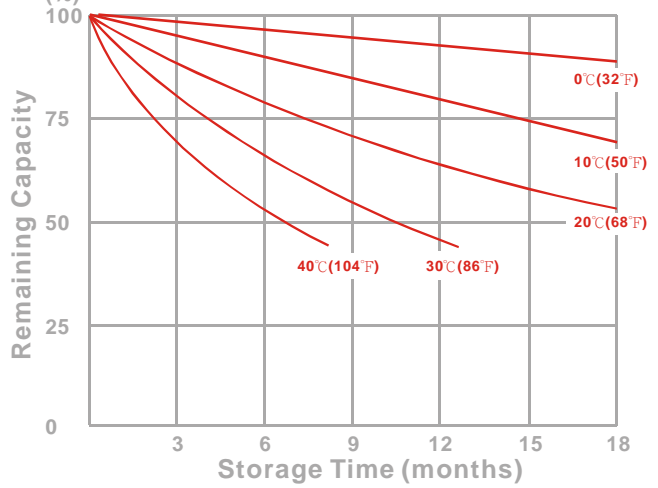
F1 (Faston Tab 187)

CHARACTERISTIC

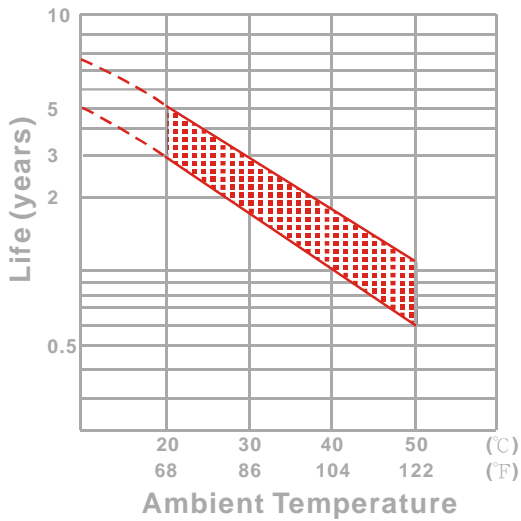
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

