

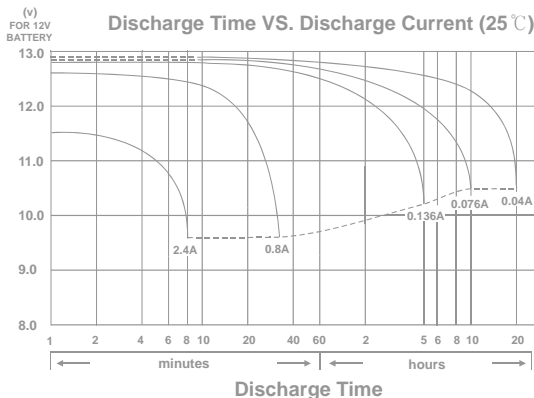
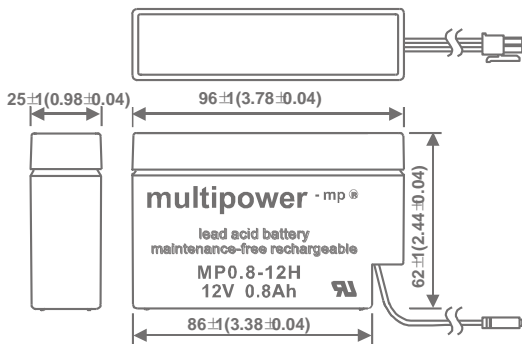
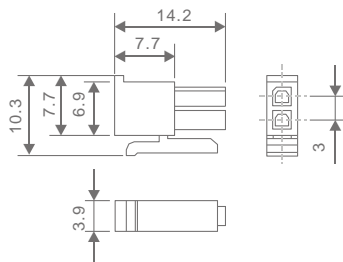
multipower - mp®

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



Wi50-187



MP0.8-12H

Nominal Voltage(V) 12V

Nominal Capacity

20 hour rate	(0.04A	to	10.50V)	0.800Ah
10 hour rate	(0.076A	to	10.50V)	0.760Ah
5 hour rate	(0.136A	to	10.20V)	0.680Ah
1 C	(0.8A	to	9.60V)	0.453Ah
3 C	(2.4A	to	9.60V)	0.320Ah

Weight Approx. 370g (0.82lbs.)

Internal Resistance (at 1KHz) Approx. 125 mΩ

Maximum Discharge Current for

5 seconds: 12A

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 14.70V to 14.80V

Coefficient -5.0mv/°C/cell

Maximum Charging Current: 0.24A

Standby use:

Float Charging Voltage 13.50V 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)

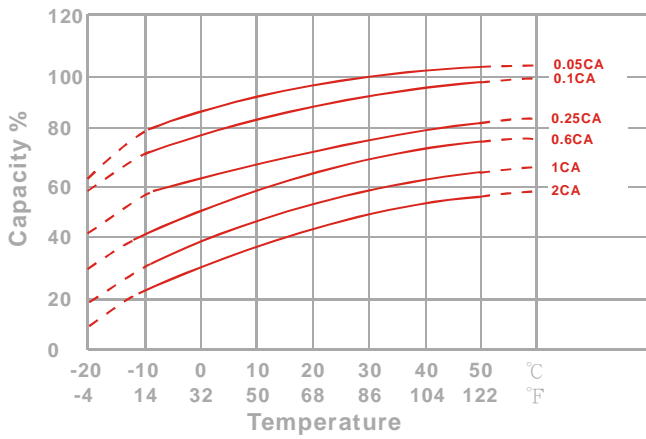
ABS

Terminal

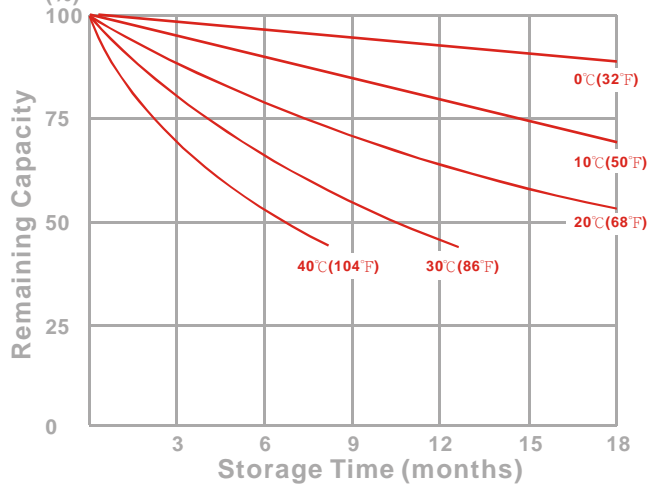
WIRE

CHARACTERISTIC & PERFORMANCE DATA

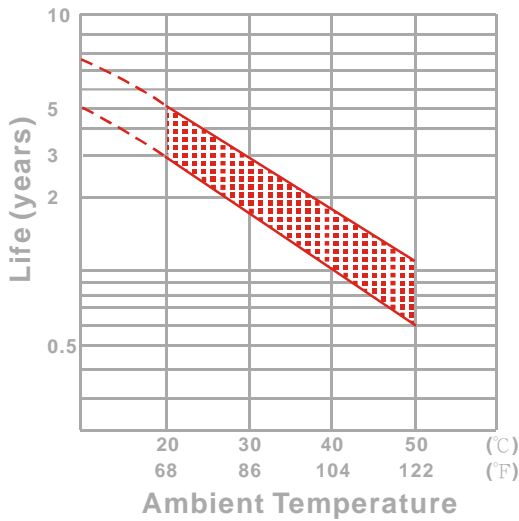
Effect of Temperature on Capacity 25°C(77°F)



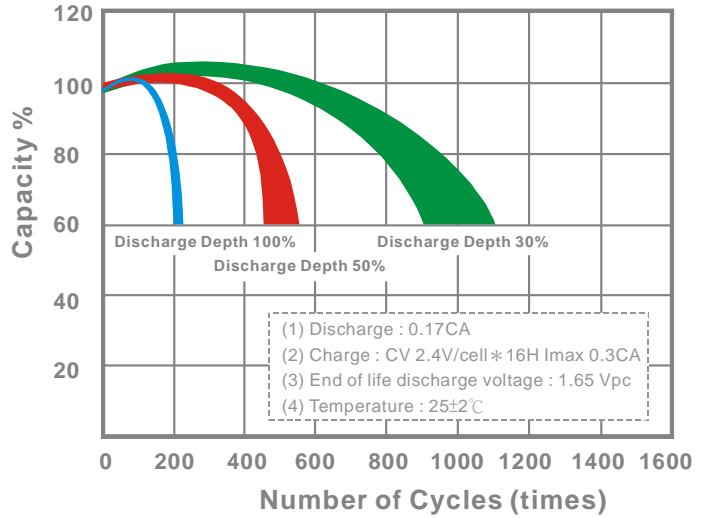
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



- (1) Discharge : 0.17CA
- (2) Charge : CV 2.4V/cell * 16H I_{max} 0.3CA
- (3) End of life discharge voltage : 1.65 Vpc
- (4) Temperature : 25±2°C