

multipower - mp®

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP2,6-12

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate	(0.130A	to	10.50V)	2.60Ah
10 hour rate	(0.246A	to	10.50V)	2.46Ah
5 hour rate	(0.436A	to	10.50V)	2.18Ah
3 hour rate	(0.636A	to	10.50V)	1.91Ah
1 hour rate	(1.58A	to	9.60V)	1.58Ah

Weight Approx. 910g (2.01lbs)

Internal Resistance (at 1KHz) Approx. 90 mΩ

Maximum Discharge Current for

5 seconds: 39A

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 14.70V to 14.80V

Coefficient -5.0mV/°C/cell

Maximum Charging Current: 0.78A

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%

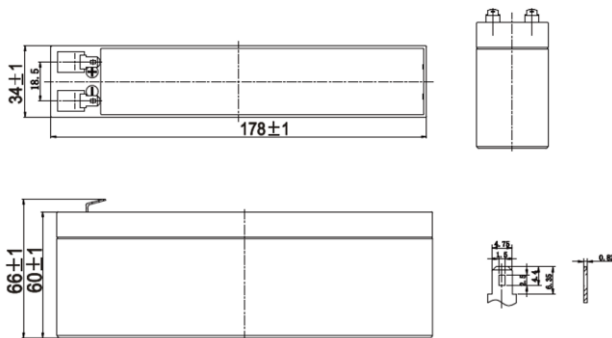
6 month 80%

Case Material

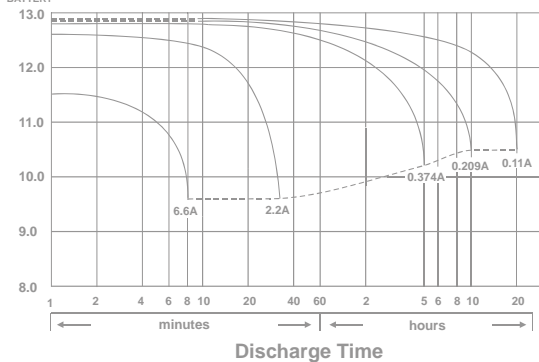
ABS UL94 HB

Terminal

F1 (Faston Tab 187)

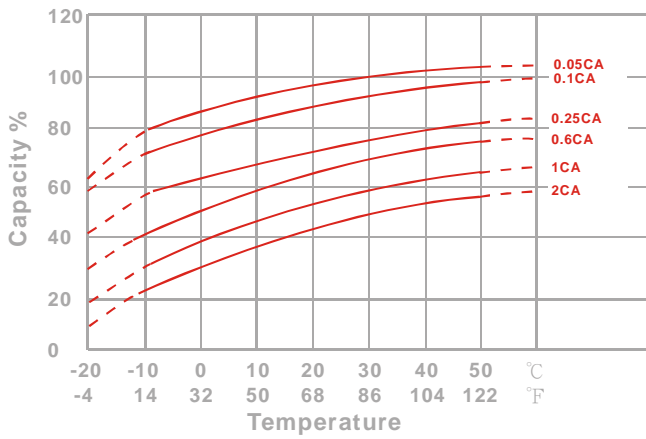


(V) FOR 12V BATTERY
Discharge Time VS. Discharge Current (25°C)

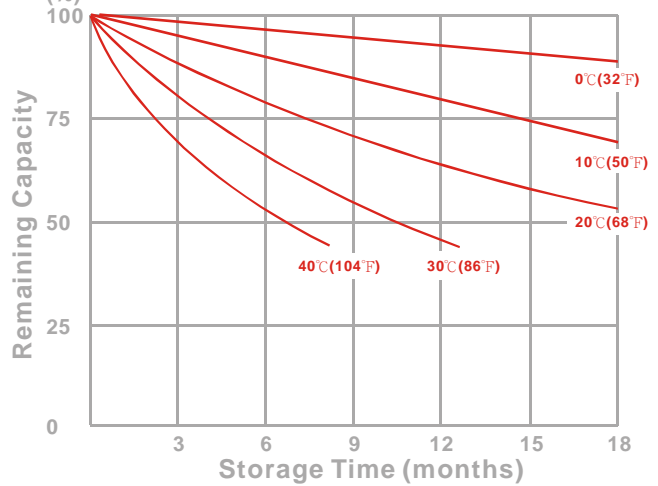


CHARACTERISTIC

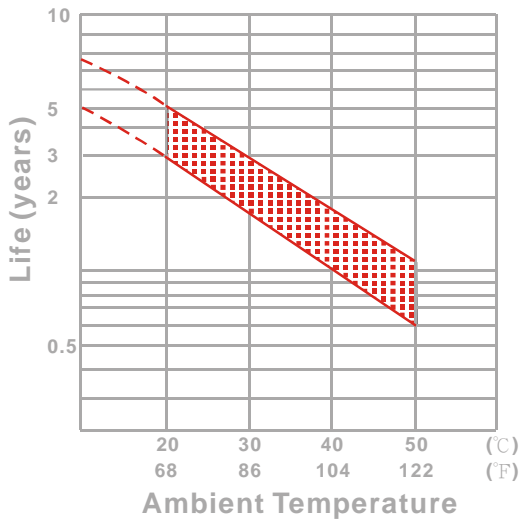
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

