

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION

(Thermal Protector)



MP1222A

Nominal Voltage(V) 12V

Nominal Capacity

20 hour rate	(0.11A to 10.50V)	2.20Ah
10 hour rate	(0.21A to 10.50V)	2.09Ah
5 hour rate	(0.37A to 10.20V)	1.87Ah
1 C	(2.2A to 9.60V)	0.99Ah

Weight Approx. 730g(1.61Lbs.)

Internal Resistance (at 1KHz) Approx. 105 mΩ

Maximum Temperature Resistance 70°C

Maximum Current Resistance 10A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient	-5.0mv/°C/cell
Maximum Charging Current:	0.66A
Standby use:	
Float Charging Voltage	13.50 to 13.80V
Coefficient	-3.0mv/°C/cell

Operating Temperature Range

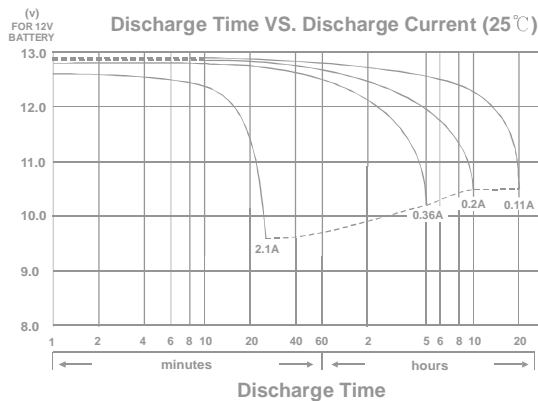
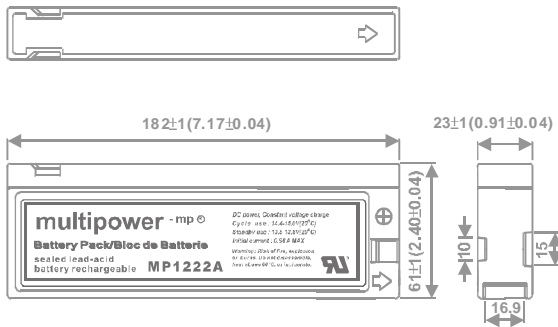
Charge	-15°C(5°F) to 40°C(104°F)
Discharge	-15°C(5°F) to 50°C(122°F)
Storage	-15°C(5°F) to 40°C(104°F)

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

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

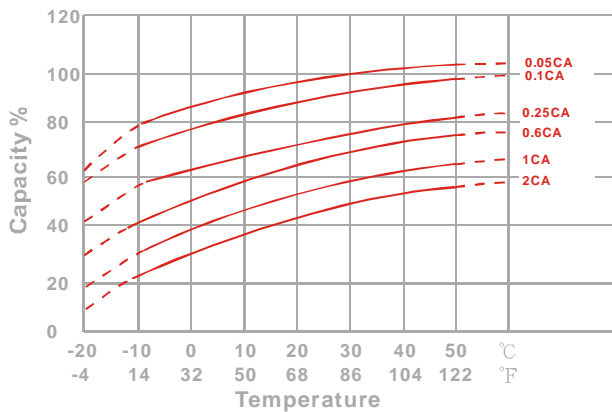
Case Material ABS
(UL94 HB flame retardant case / cover)

Terminal F13

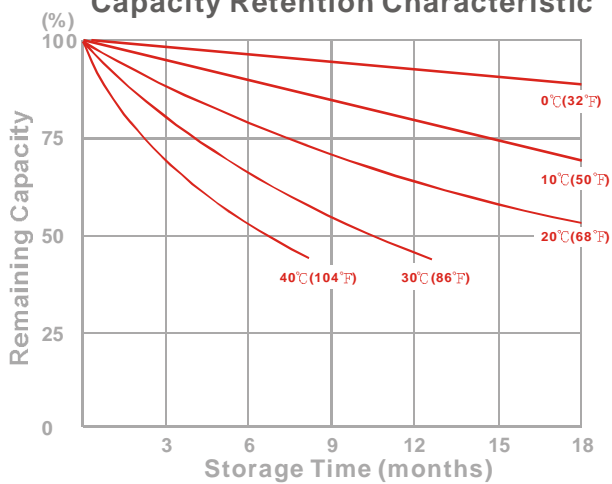


CHARACTERISTIC

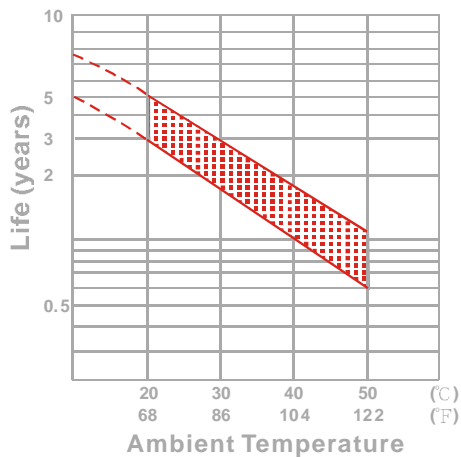
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

