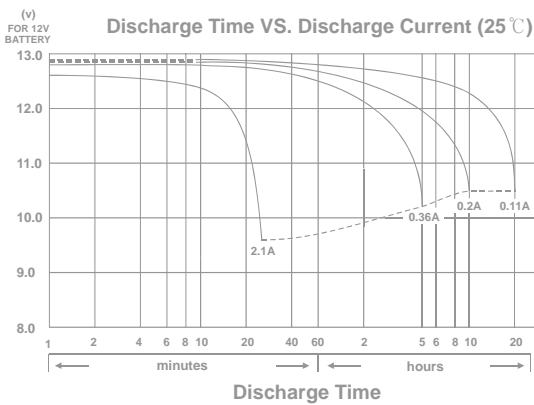
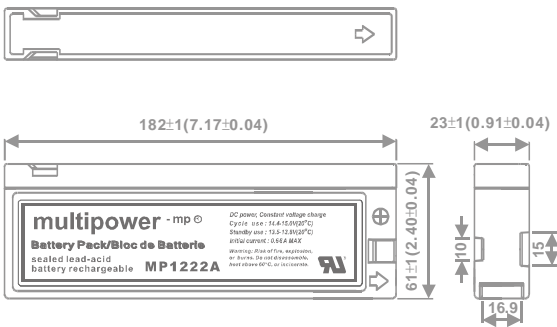


RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP1222A

Nominal Voltage (V) 12V

Nominal Capacity

| | | | | |
|--------------|--------|----|---------|--------|
| 20 hour rate | (0.10A | to | 10.50V) | 2.00Ah |
| 10 hour rate | (0.19A | to | 10.50V) | 1.90Ah |
| 5 hour rate | (0.34A | to | 10.20V) | 1.70Ah |
| 1 C | (2.00A | to | 9.60V) | 0.90Ah |

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 | 14.70V to 14.80V |
| Coefficient -5.0mv/°C/cell | |
| Maximum Charging Current: | 0.66A |
| 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)

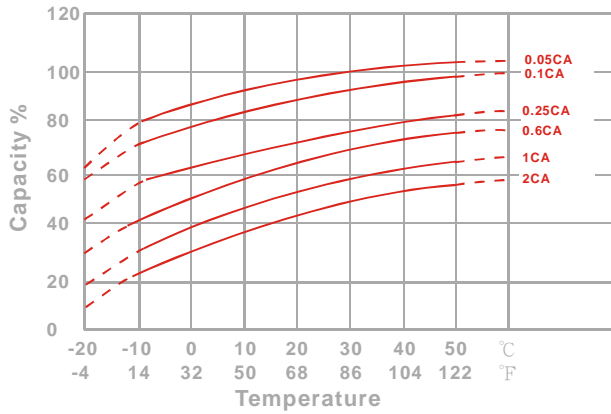
| | |
|---------|-----|
| 1 month | 92% |
| 3 month | 90% |
| 6 month | 80% |

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

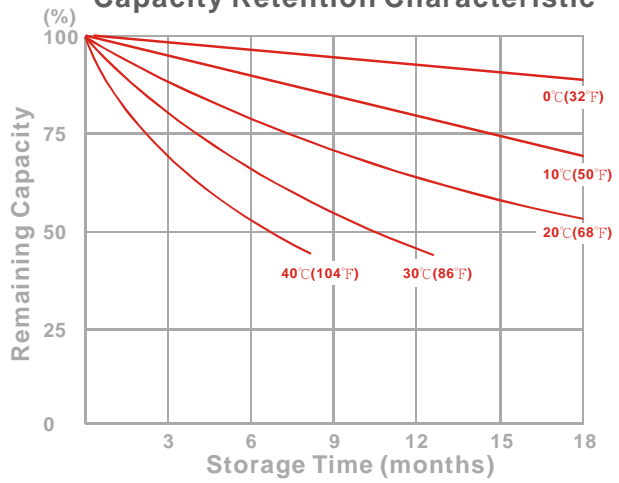
Terminal F13

CHARACTERISTIC

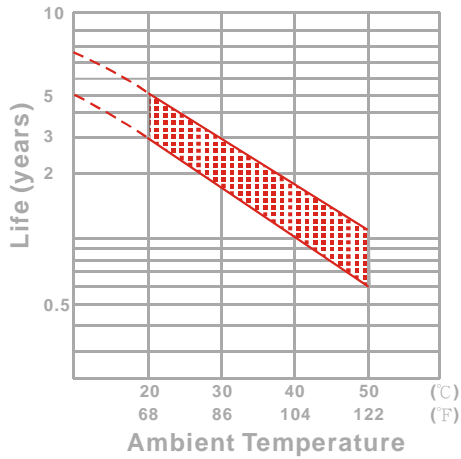
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

