

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION

MP4,5-4



Nominal Voltage (V) 4V

Nominal Capacity

20 hour rate	(0.225A	to	3.60V)	4.50Ah
10 hour rate	(0.419A	to	3.60V)	4.19Ah
5 hour rate	(0.756A	to	3.50V)	3.78Ah
3 hour rate	(1.10A	to	3.50V)	3.30Ah
1 hour rate	(2.73A	to	3.20V)	2.73Ah

Weight Approx. 600g (1.48lbs)

Internal Resistance (at 1KHz) Approx. 15 mΩ

Maximum Discharge Current for

5 seconds: 67.5A

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 4.80V to 4.90V

Coefficient -5.0mV/°C/cell

Maximum Charging Current: 1.35A

Standby use:

Float Charging Voltage 4.50V to 4.60V

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%

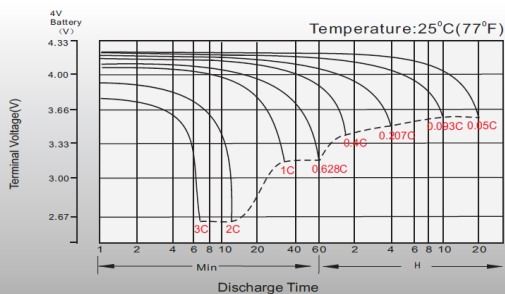
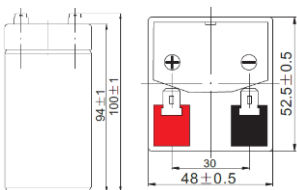
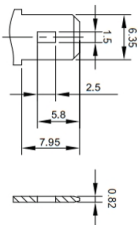
Case Material

(UL94 HB flame retardant case / cover)

Terminal

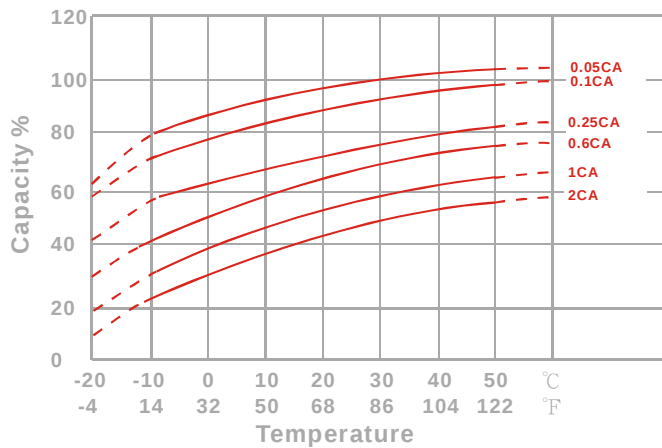
ABS

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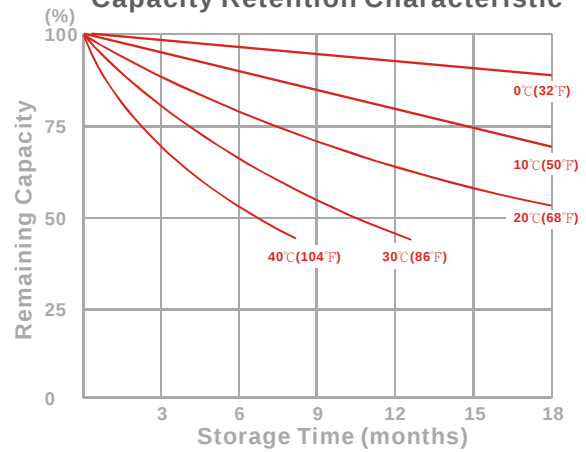


CHARACTERISTIC

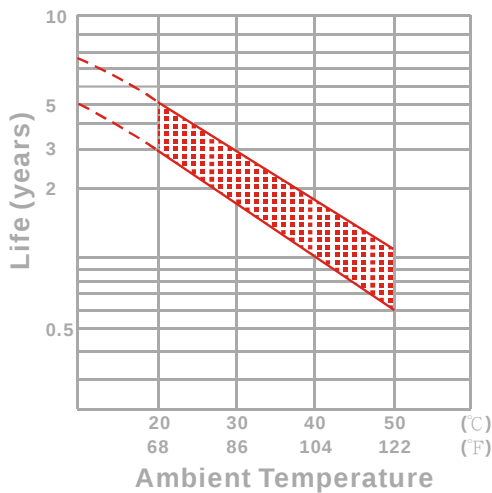
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

