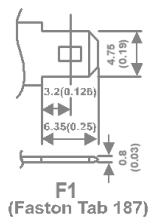


RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP4-12D

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate	(0.20A	to	10.50V)	4.00Ah
10 hour rate	(0.372A	to	10.50V)	3.72Ah
5 hour rate	(0.672A	to	10.20V)	3.36Ah
3 hour rate	(0.979A	to	10.20V)	2.94Ah
1 hour rate	(2.43A	to	9.60V)	2.43Ah

Weight Approx. 1.6kg (1.48lbs)

Internal Resistance (at 1KHz) Approx. 45 mΩ

Maximum Discharge Current for

5 seconds: 60.0A

Charging Methods at 25°C (77°F)

Cycle use:	
Charging Voltage	14.70V to 14.80V
Coefficient	-5.0mv/°C/cell
Maximum Charging Current:	1.20A
Standby use:	
Float Charging Voltage	13.50V to 13.80V
Coefficient	-3.0mv/°C/cell

Operating Temperature Range

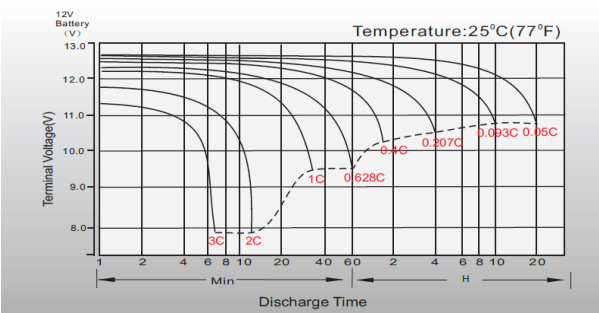
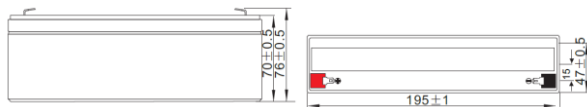
Charge	-15°C (5°F)	to	40°C (104°F)
Discharge	-15°C (5°F)	to	50°C (122°F)
Storage	-15°C (5°F)	to	40°C (104°F)

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

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

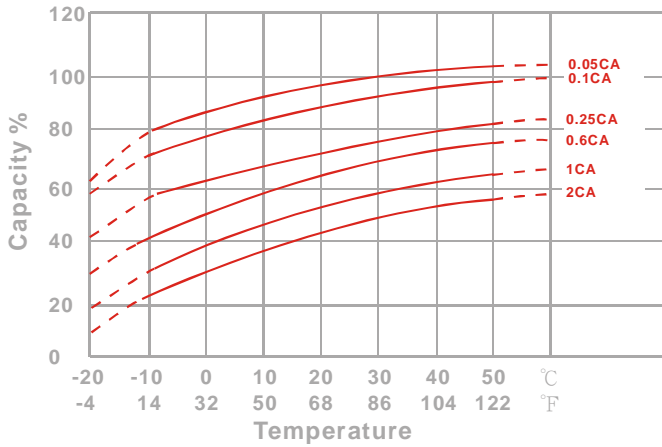
Case Material ABS
(UL94 HB flame retardant case / cover)

Terminal F1 (Faston Tab 187)

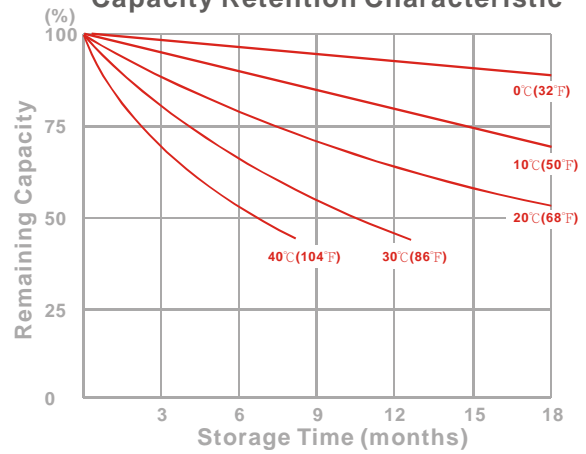


CHARACTERISTIC

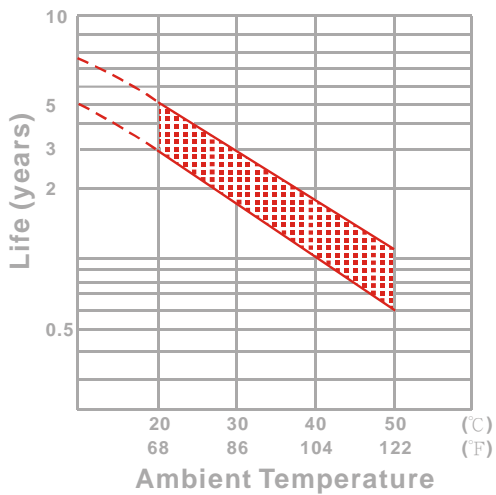
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

