

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)

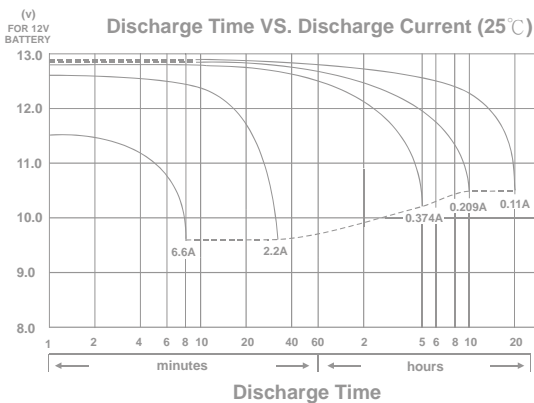
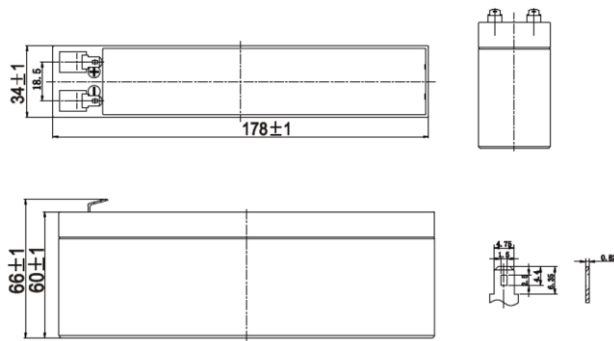
1 month	92%
3 month	90%
6 month	80%

Case Material

ABS UL94 HB

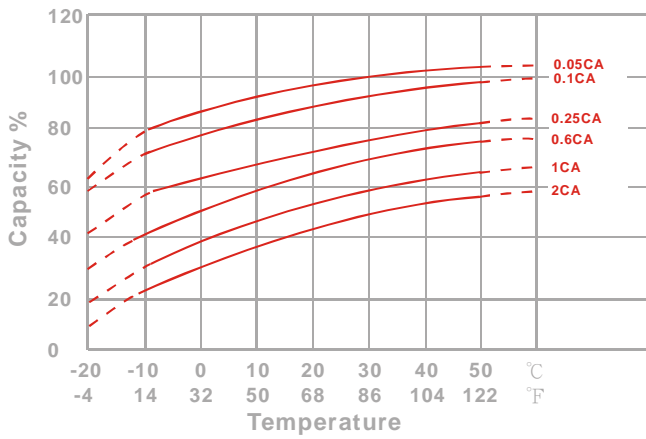
Terminal

F1 (Faston Tab 187)

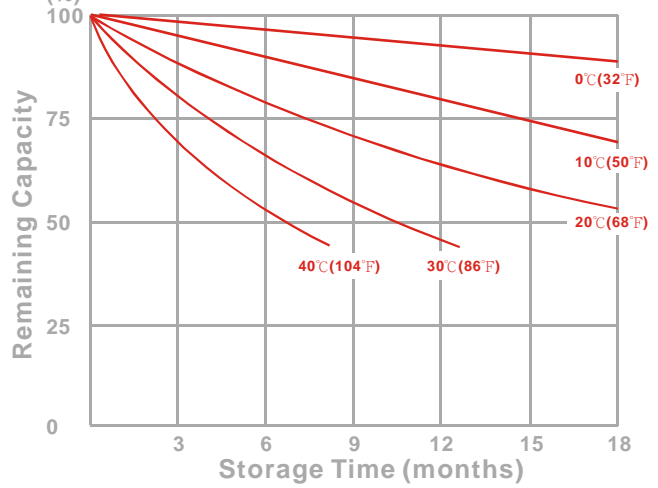


CHARACTERISTIC

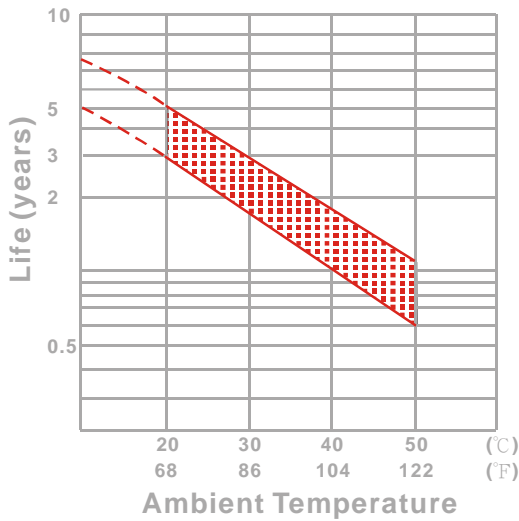
Effect of Temperature on Capacity 25°C(77°F)



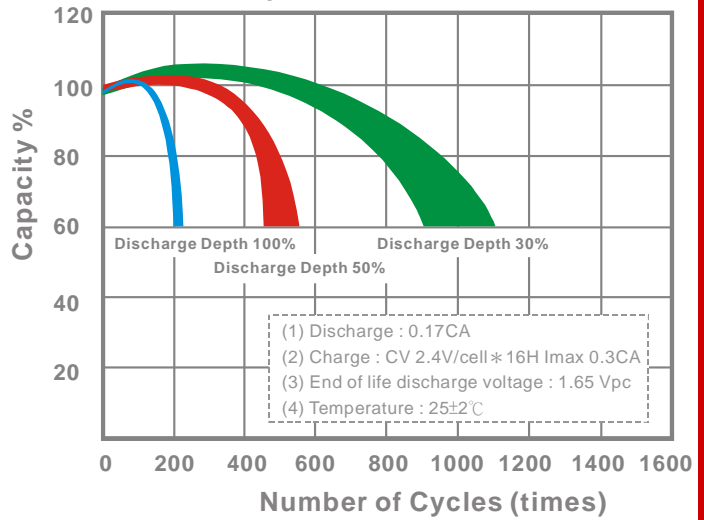
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



(1) Discharge : 0.17CA
 (2) Charge : CV 2.4V/cell * 16H I_{max} 0.3CA
 (3) End of life discharge voltage : 1.65 Vpc
 (4) Temperature : 25±2°C