

MP2,8-6P

Nominal Voltage (V) 6V

Nominal Capacity

20 hour rate	(0.140A	to	5.25V)	2.80Ah
10 hour rate	(0.265A	to	5.25V)	2.65Ah
5 hour rate	(0.482A	to	5.25V)	2.41Ah
3 hour rate	(0.719A	to	5.25V)	2.16Ah
1 hour rate	(1.890A	to	4.80V)	1.89Ah

Weight Approx. 550g (1.21lbs)

Internal Resistance (at 1KHz) Approx. 22 mΩ

Maximum Discharge Current for

5 seconds: 42.0A

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 7.35V to 7.40V

Coefficient -5.0mv/°C/cell

Maximum Charging Current: 0.84A

Standby use:

Float Charging Voltage 6.75V to 6.90V

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

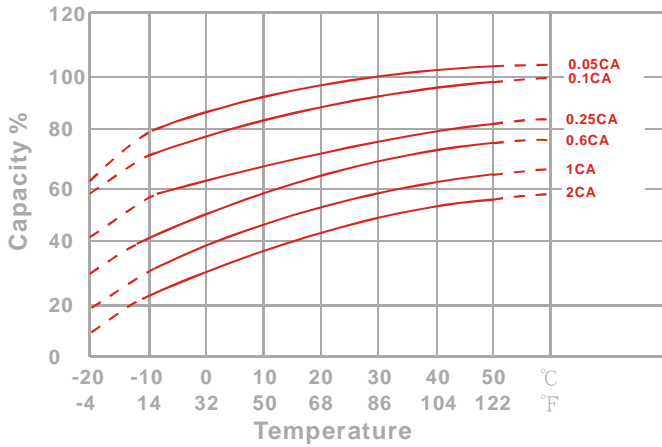
ABS
(UL94 HB flame retardant case / cover)

Terminal

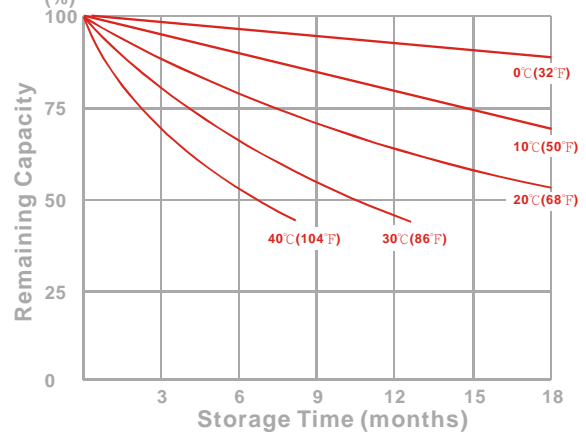
F1 (Faston Tab 187)

CHARACTERISTIC

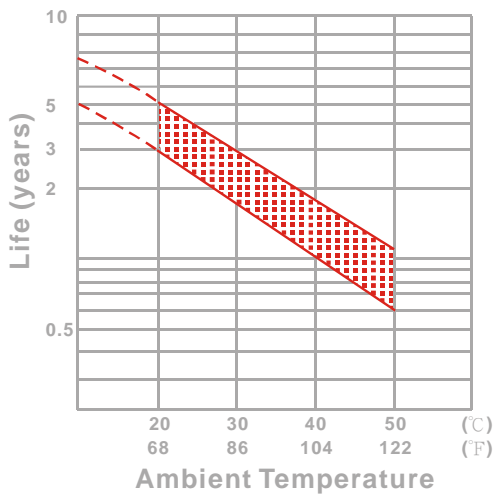
Effect of Temperature on Capacity 25°C(77°F)



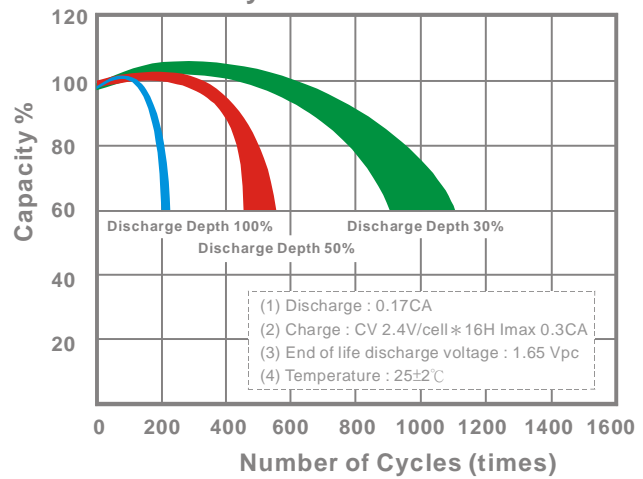
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



(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