

VTM 12A-6

Specifications

Nominal Voltage(V) 6V

Nominal Capacity

20 hour rate	(0.6A	to	5.25V)	12Ah
10 hour rate	(1.14A	to	5.25V)	11.4Ah
5 hour rate	(2.04A	to	5.1V)	10.2Ah
1 C	(12A	to	4.8V)	6.8Ah
3 C	(36A	to	4.8V)	4.8Ah

Weight Approx.1.84kg(4.05Lbs.)

Internal Resistance (at 1KHz) Approx. 6 mΩ

Maximum Discharge Current for 5 seconds: 180A

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 7.20 to 7.50V

Coefficient -5.0mV/°C /cell

Maximum Charging Current : 3.6A

Standby use:

Float Charging Voltage 6.75 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%

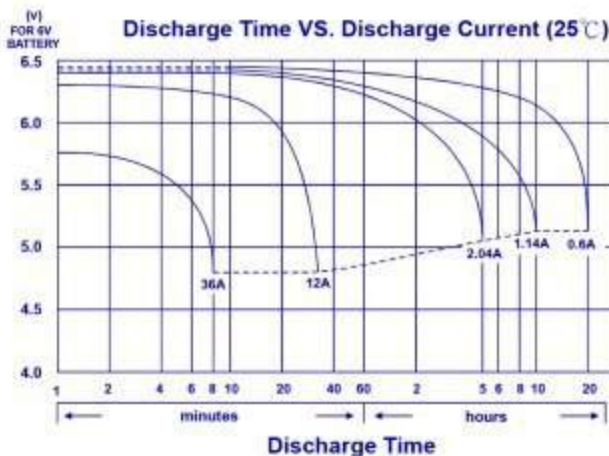
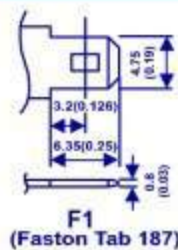
6 month 80%

Case Material ABS UL94 HB

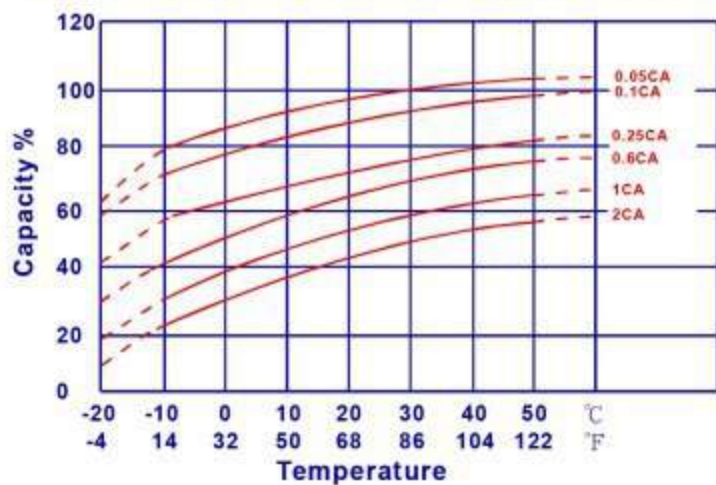
Terminal F1 (Faston Tab 187)



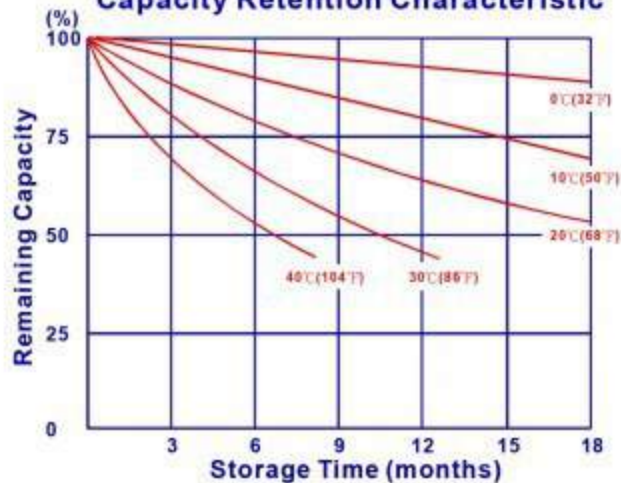
Dimensions mm(inch)



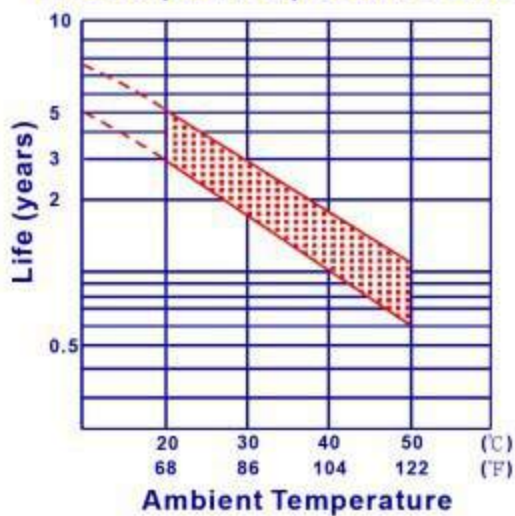
Effect of Temperature on Capacity 25°C (77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

