

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)

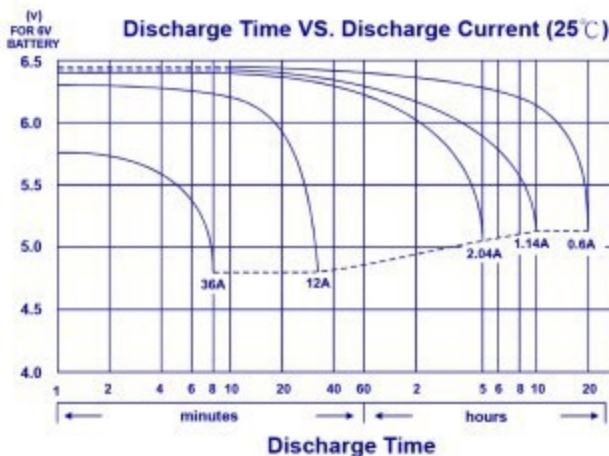
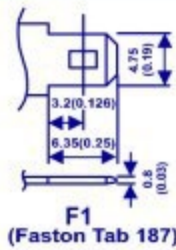
Charge Retention (shelf life) at 20°C (68°F)

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

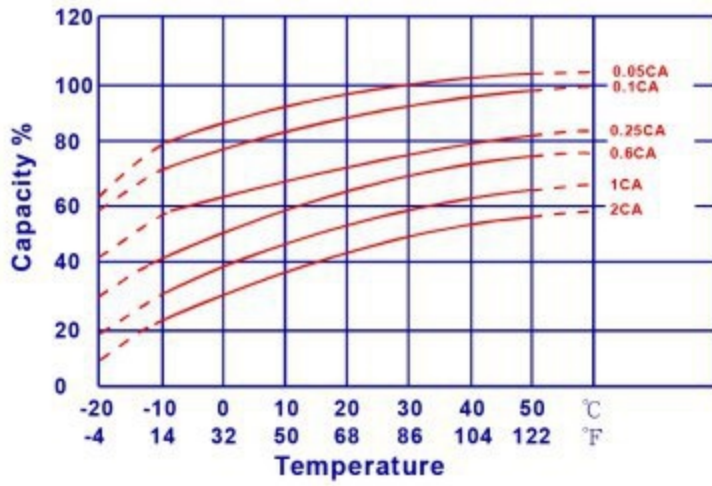
Case Material **ABS UL94 HB**

Terminal **F1 (Faston Tab 187)**

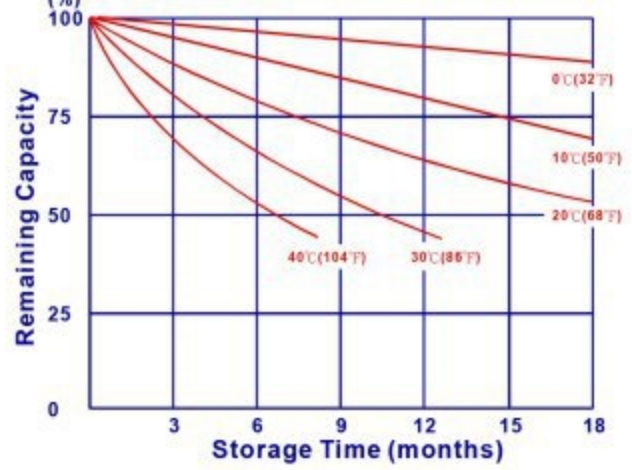
Dimensions mm(inch)



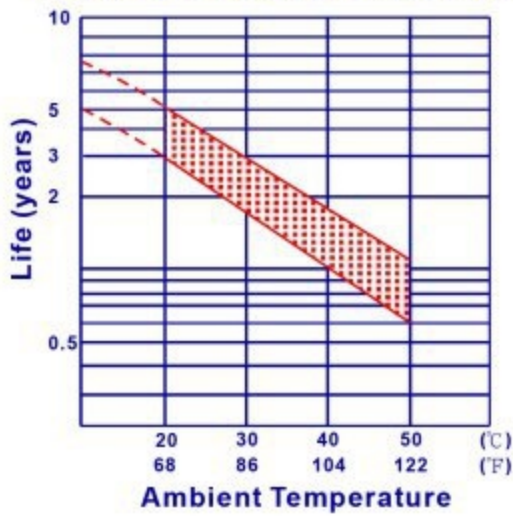
Effect of Temperature on Capacity 25°C (77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

