

### ⚡ Specifications

#### Nominal Voltage(V)

12V

#### Nominal Capacity

20 hour rate	(1.3A	to	10.50V)	26Ah
10 hour rate	(2.47A	to	10.50V)	24.7Ah
5 hour rate	(4.42A	to	10.20V)	22.1Ah
1 C	(26A	to	9.60V)	14.73Ah
3 C	(78A	to	9.60V)	10.4Ah

#### Weight

Approx. 8.8kg(19.36Lbs.)

#### Internal Resistance (at 1KHz)

Approx. 9.6 mΩ

#### Maximum Discharge Current for

5 seconds: 390A

#### Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current :	7.8A
Standby use:	
Float Charging Voltage	13.5 to 13.8V
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  
Option: Flammability resistance of (UL94 V-0)

#### Design Life

3-5 Years.

#### Terminal

F6

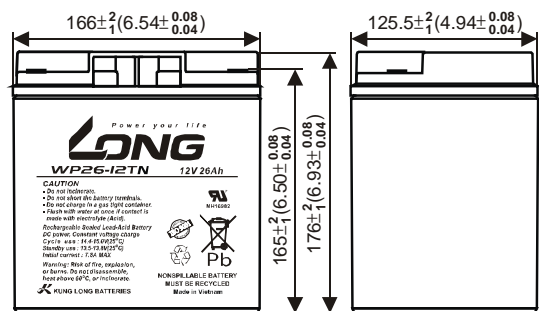
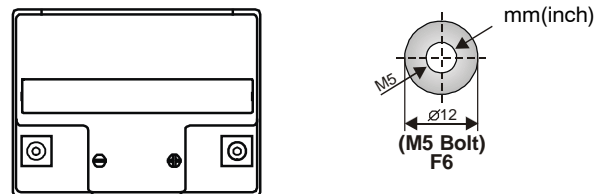


### ⚡ Dimensions

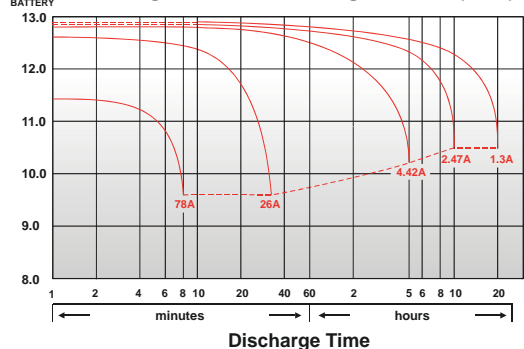
Length (L)	166±2-1 (6.54±0.08-0.04)
Width (W)	125.5±2-1 (4.94±0.08-0.04)
Height (H)	176±2-1 (6.93±0.08-0.04)
Overall Height (HT)	176±2-1 (6.93±0.08-0.04)

#### Description of torque value of hard ware for the terminals:

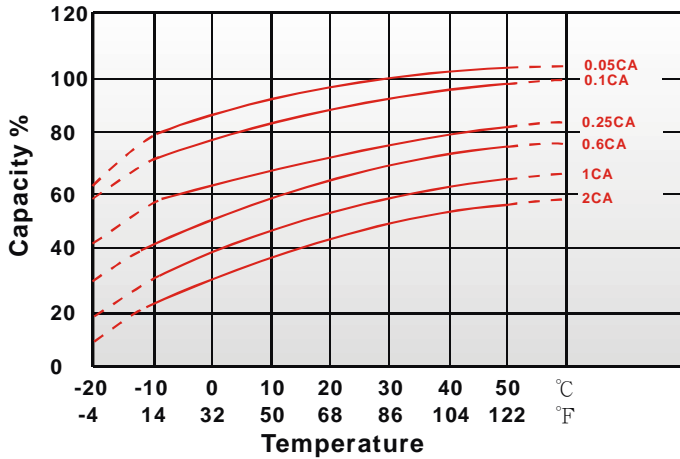
Recommended torque value	M5: 5 N-m (51kgf-cm)
Maximum allowable torque value	M5: 6 N-m (61kgf-cm)



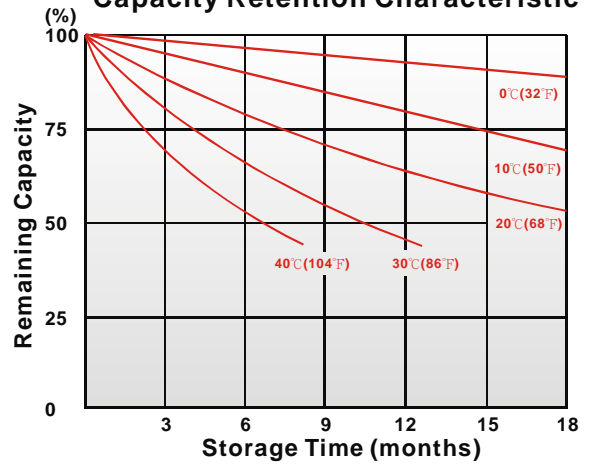
#### (V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



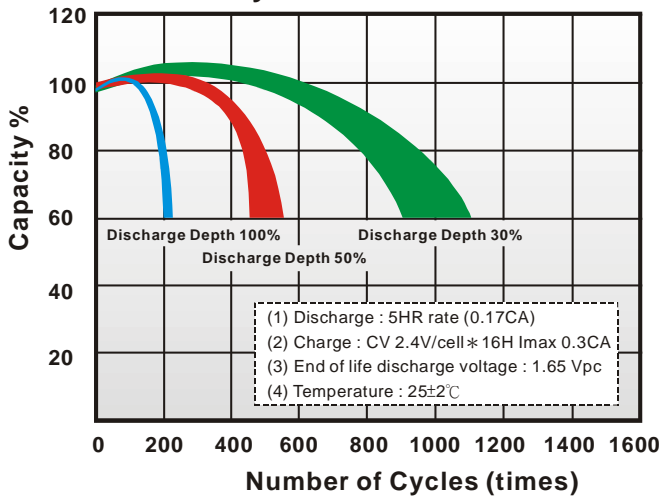
**Effect of Temperature on Capacity 25°C (77°F)**



**Capacity Retention Characteristic**



**Cycle Service Life**



**Trickle (or float) Service Life**

