

### ⚡ 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)  $166 \pm_{-1}^{+2}$  (6.54 $\pm_{-0.04}^{+0.08}$ )

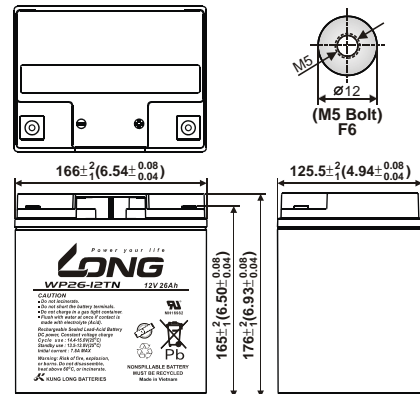
Width (W)  $125.5 \pm_{-1}^{+2}$  (4.94 $\pm_{-0.04}^{+0.08}$ )

Height (H)  $176 \pm_{-1}^{+2}$  (6.93 $\pm_{-0.04}^{+0.08}$ )

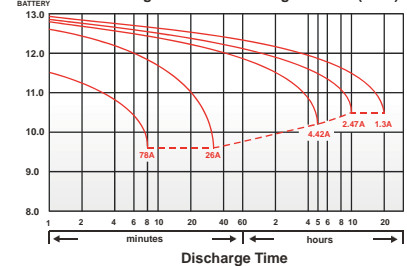
Overall Height (HT)  $176 \pm_{-1}^{+2}$  (6.93 $\pm_{-0.04}^{+0.08}$ )

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

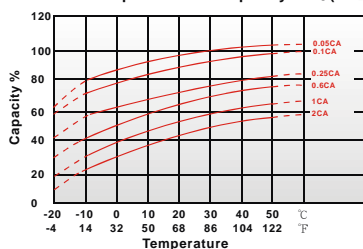
Recommended torque value M5: 5 N-m (51kgf-cm)  
Maximum allowable torque value M5: 6 N-m (61kgf-cm) mm(inch)



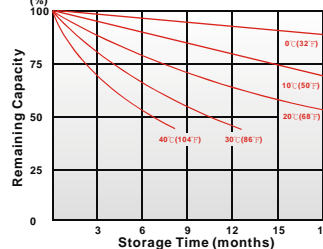
(H) Discharge Time VS. Discharge Current (25°C)



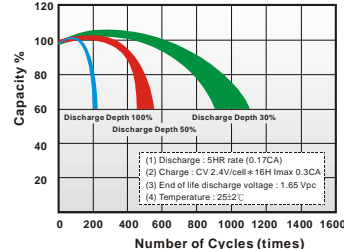
Effect of Temperature on Capacity 25°C(77°F)



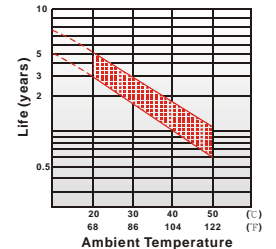
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



110423-11