

### ⚡ Specifications

#### Nominal Voltage(V)

12V

#### Nominal Capacity

10 hour rate	(15A to 10.80V)	150Ah
5 hour rate	(25.5A to 10.20V)	127.5Ah
1 hour rate	(90A to 9.60V)	90Ah
1 C	(150A to 9.60V)	95Ah

#### Weight

Approx. 48.2kg(106Lbs.)

#### Internal Resistance (at 1KHz)

Approx. 3.4 mΩ

#### Maximum Discharge Current for

5 seconds: 900A

#### Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current :	45A
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	98%
3 month	94%
6 month	85%

#### Case Material

ABS UL94 HB  
Option: Flammability resistance of (UL94 V-0)



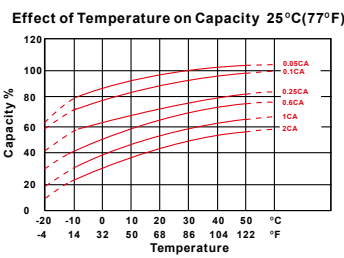
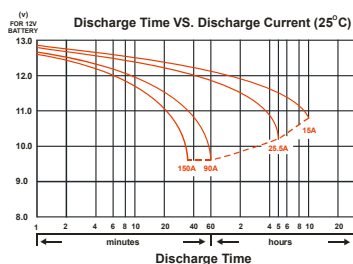
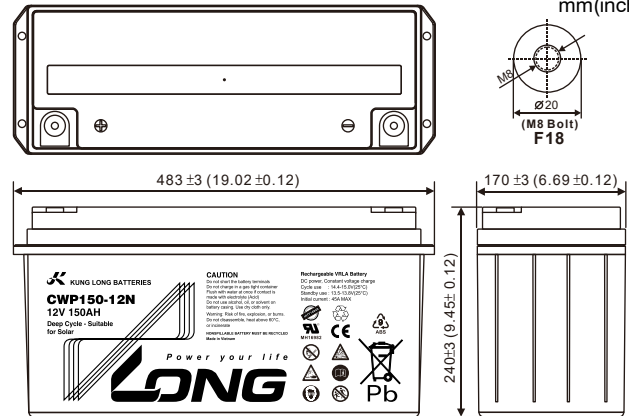
### ⚡ Dimensions

Length (L)	483±3(19.02±0.12)
Width (W)	170±3(6.69±0.12)
Height (H)	240±3(9.45±0.12)
Overall Height (HT)	240±3(9.45±0.12)
Terminal	F18

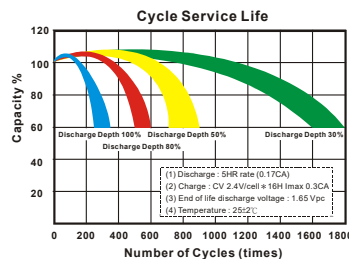
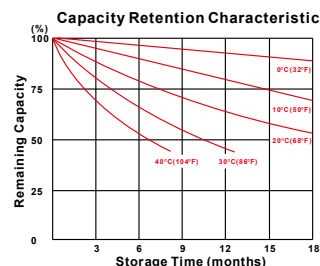
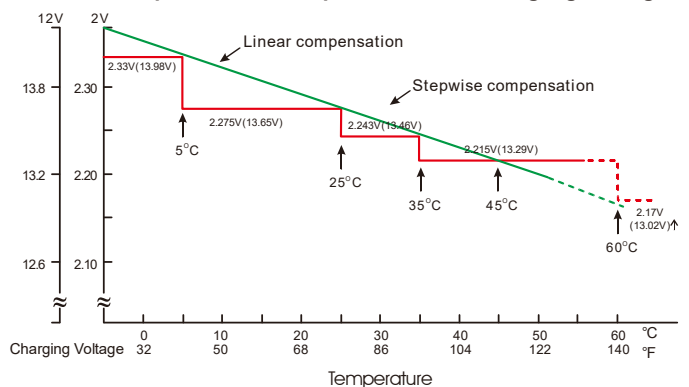
#### Description of torque value of hardware for the terminals:

Recommended torque value	M8: 12 N-m (122 kgf-cm)
Maximum allowable torque value	M8: 20 N-m (204 kgf-cm)

mm(inch)



#### Relationship Between Temperature and Charging Voltage



221024-1B