

### ⚡ Specifications

#### Nominal Voltage (V)

12V

#### Nominal Capacity

10 hour rate	(7.5A to 10.80V)	75Ah
5 hour rate	(12.75A to 10.20V)	63.75Ah
1 hour rate	(45A to 9.60V)	45Ah
1 C	(75A to 9.60V)	47.5Ah

#### Weight

Approx. 24.2kg(53.24Lbs.)

#### Internal Resistance (at 1KHz)

Approx. 5 mΩ

#### Maximum Discharge Current for

5 seconds: 450A

#### Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient	-5.0mV/°C/cell
Maximum Charging Current :	22.5A
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)



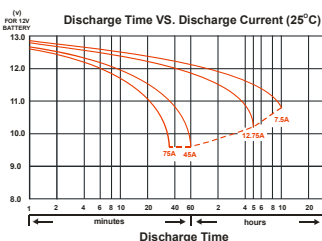
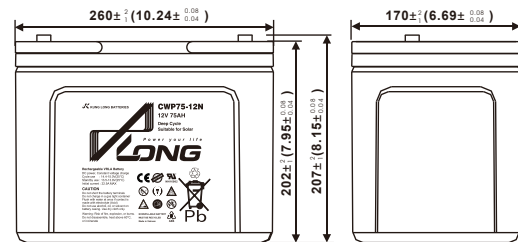
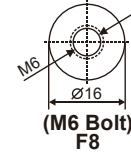
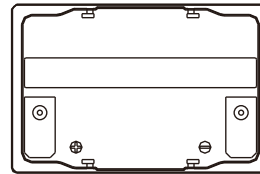
### ⚡ Dimensions

Length (L)	260± <sup>2</sup> <sub>0</sub> (10.24± <sup>0.08</sup> <sub>0.04</sub> )
Width (W)	170± <sup>2</sup> <sub>1</sub> (6.69± <sup>0.08</sup> <sub>0.04</sub> )
Height (H)	202± <sup>2</sup> <sub>1</sub> (7.95± <sup>0.08</sup> <sub>0.04</sub> )
Overall Height (HT)	207± <sup>2</sup> <sub>1</sub> (8.15± <sup>0.08</sup> <sub>0.04</sub> )
Terminal	F8

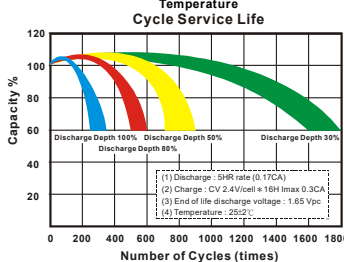
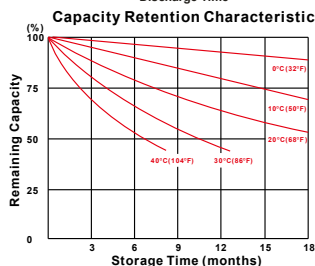
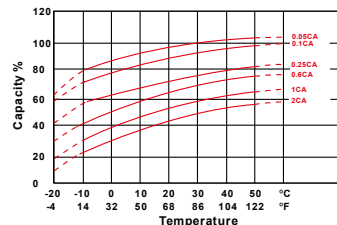
#### Description of torque value of hardware for the terminals:

Recommended torque value	M6: 7 N-m (71 kgf-cm)
Maximum allowable torque value	M6: 10 N-m (102 kgf-cm)

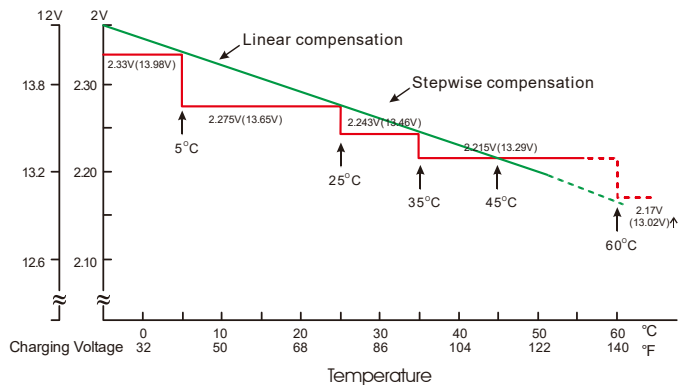
mm(inch)



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



#### Relationship Between Temperature and Charging Voltage



221024-1G