

⚡ Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(3.1A	to	10.50V)	62Ah
10 hour rate	(6.2A	to	10.80V)	62Ah
5 hour rate	(10.54A	to	10.20V)	52.7Ah
1 hour rate	(37.2A	to	9.60V)	37.2Ah
1 C	(62A	to	9.60V)	35.13Ah

Weight

Approx. 18.7kg(41.14Lbs.)

Internal Resistance (at 1KHz)

Approx. 6.8 mΩ

Maximum Discharge Current for

5 seconds: 744A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current :	18.6A
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)

Design Life

3-5 Years.

Terminal

F8



⚡ Dimensions

Length (L)

226 ±₁² (8.90 ±_{0.04}^{0.08})

Width (W)

135 ±₂² (5.31 ±_{0.04}^{0.08})

Height (H)

207 ±₂² (8.15 ±_{0.04}^{0.08})

Overall Height (HT)

214 ±₂² (8.43 ±_{0.04}^{0.08})

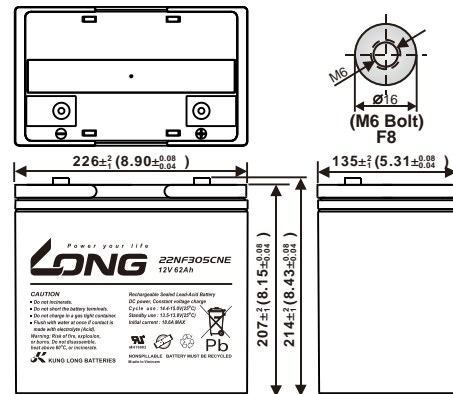
Recommended torque value

M6: 7 N-m (71 kgf-cm)

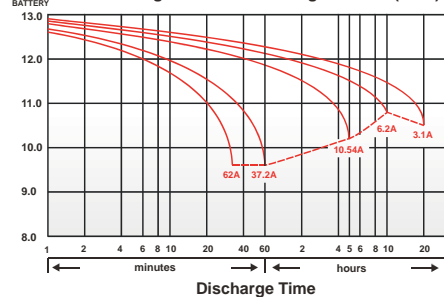
Maximum allowable torque value

M6: 10 N-m (102 kgf-cm)

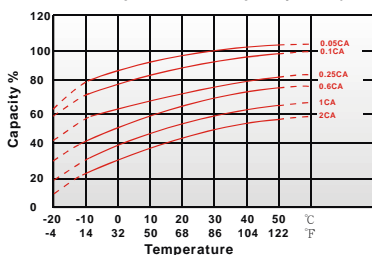
mm(inch)



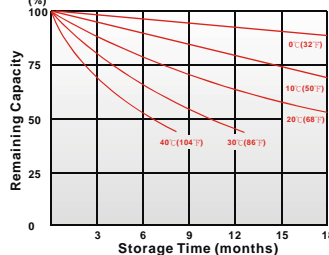
(b) Discharge Time VS. Discharge Current (25°C)



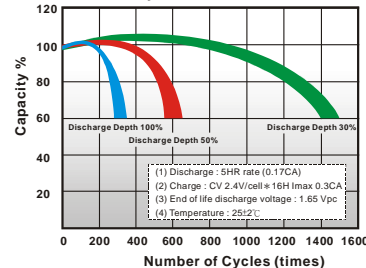
Effect of Temperature on Capacity 25°C(77°F)



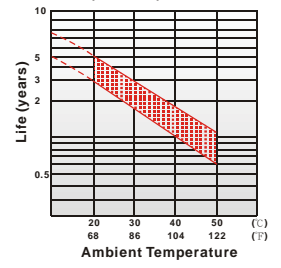
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



240323-1A