

⚡ Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20	hour rate	(1.5A	to	10.50V)	30Ah
5	hour rate	(5.1A	to	10.20V)	25.5Ah
1	hour rate	(16.5A	to	9.60V)	16.5Ah
1	C	(30A	to	9.60V)	16Ah

Weight

Approx. 9.68kg(21.3Lbs.)

Internal Resistance (at 1KHz)

Approx. 9 mΩ

Maximum Discharge Current for

5 seconds:450A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	13.8 to 14.4V
Coefficient	-5.0mV/°C/cell
Maximum Charging Current :	9.0A
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	97%
3 month	92%
6 month	85%

Case Material

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

Design Life

7-10 Years.

Terminal

F8



⚡ Dimensions

Length (L) 166 ± 0.08 (6.54 ± 0.04)

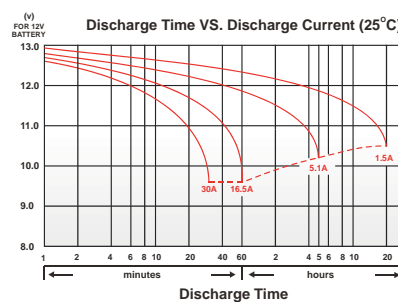
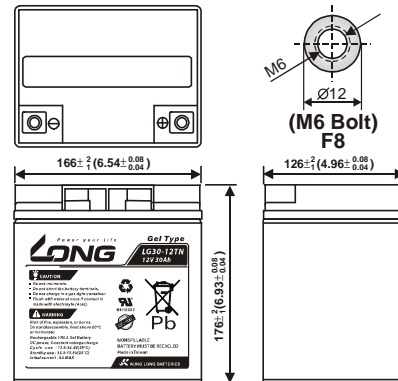
Width (W) 126 ± 0.08 (4.96 ± 0.04)

Height (H) 176 ± 0.08 (6.93 ± 0.04)

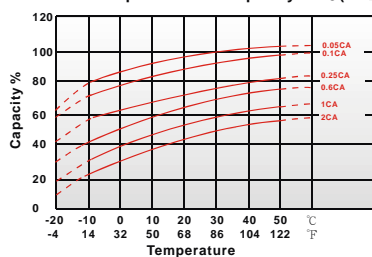
Overall Height (HT) 176 ± 0.08 (6.93 ± 0.04)

Description of torque value of hard ware for the terminals:

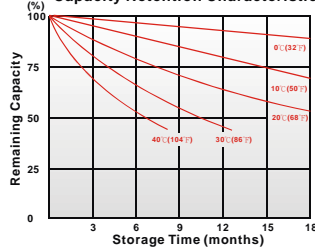
Recommended torque value M6: 7 N-m (71 kgf-cm)
Maximum allowable torque value M6: 10N-m (102kgf-cm)
mm(inch)



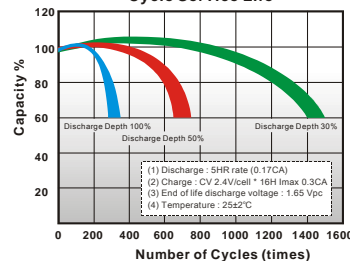
Effect of Temperature on Capacity 25°C(77°F)



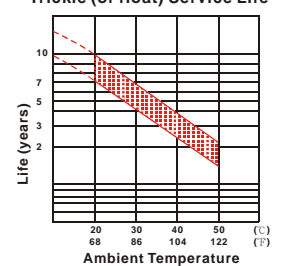
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



060624-1J