

LGL200-12N 12Volt 200Ah

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

10 hour rate (20A to 10.80V)	200Ah
5 hour rate (33A to 10.80V)	165Ah
3 hour rate (50A to 10.80)	150Ah

Weight **Approx.68.5kg(151Lbs.)**

Internal Resistance (at 1KHz) **Approx. 3.5 mΩ**

Maximum Discharge Current for 5 seconds: **1600A**

Charging Methods at 25 (77)

Cycle use:

Charging Voltage **13.20V to 13.80V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **60A**

Standby use:

Float Charging Voltage **14.10 V to 14.80V**

Coefficient -3.0mv/ /cell

Operating Temperature Range

Charge **-10 (3.33) to 40 (117)**

Discharge **-10 (3.33) to 40 (117)**

Storage **-10 (3.33) to 40 (117)**

Design Life **15 years**

Charge Retention (shelf life) at 20 (68)

1 month **98%**

3 month **94%**

6 month **85%**

Case Material **ABS**

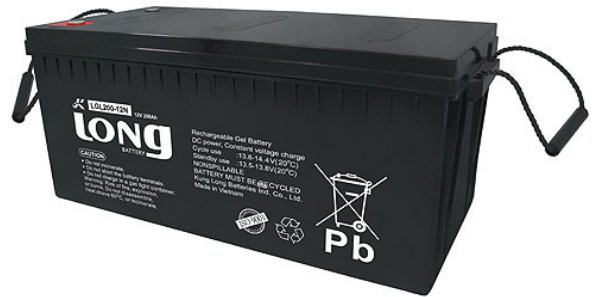
(UL94-V0 flame retardant case / cover)

Terminal **F18**

Description of torque value of hard ware for the terminals:

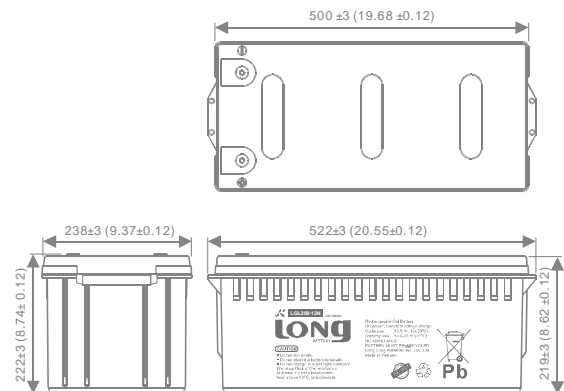
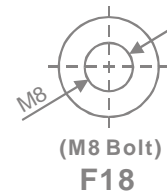
Recommended torque value **M8: 7.35 N-m (75kg-cm)**

Maximum allowable torque value **M8: 9.8 N-m (100kg-cm)**

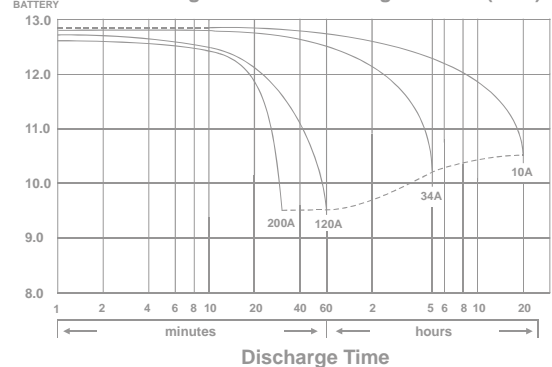


Dimensions

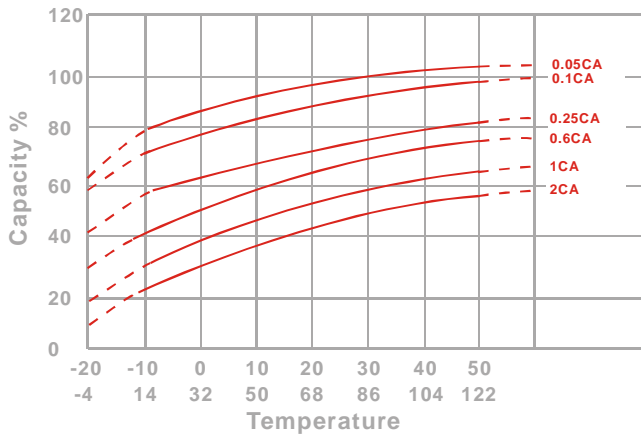
mm(inch)



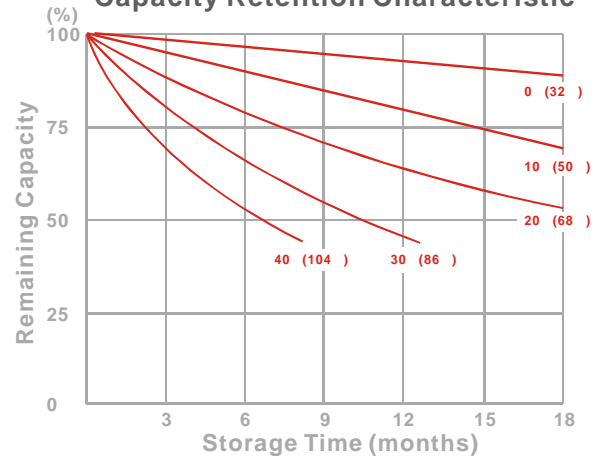
Discharge Time VS. Discharge Current (25)



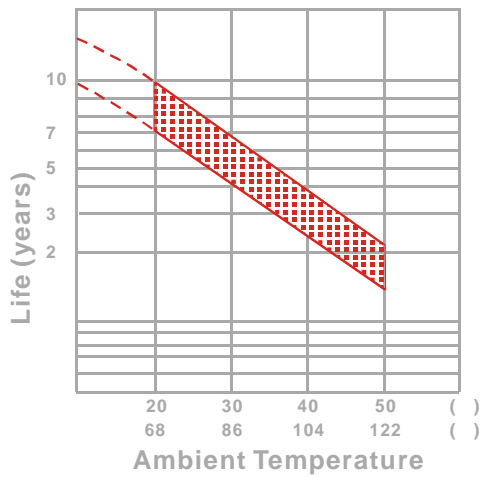
Effect of Temperature on Capacity 25 (77)



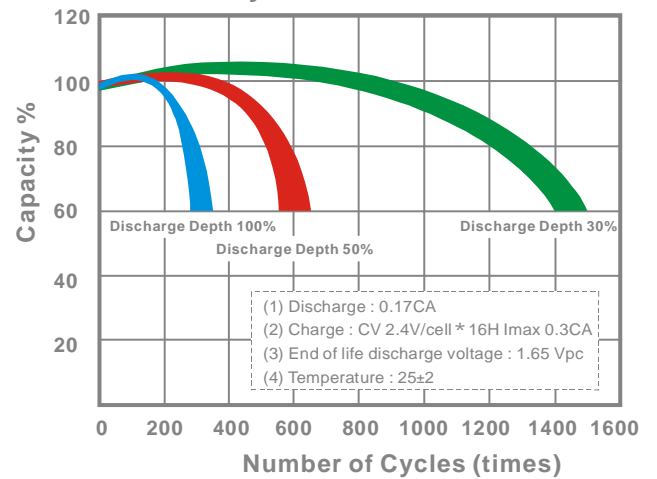
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



180213-1A-V