

LGL200-12N 12Volt 200Ah

Specifications

Nominal Voltage(V) 12V

Nominal Capacity

20 hour rate	(10A	to	10.50V)	200Ah
5 hour rate	(34A	to	10.20V)	170Ah
1 hour rate	(120A	to	9.60V)	120Ah
1 C	(200A	to	9.60V)	106.7Ah

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 13.8 to 14.4V

Coefficient -5.0mv/ /cell

Maximum Charging Current : 60A

Standby use:

Float Charging Voltage 13.50 to 13.80V

Coefficient -3.0mv/ /cell

Operating Temperature Range

Charge -15 (5) to 40 (104)

Discharge -15 (5) to 50 (122)

Storage -15 (5) to 40 (104)

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:

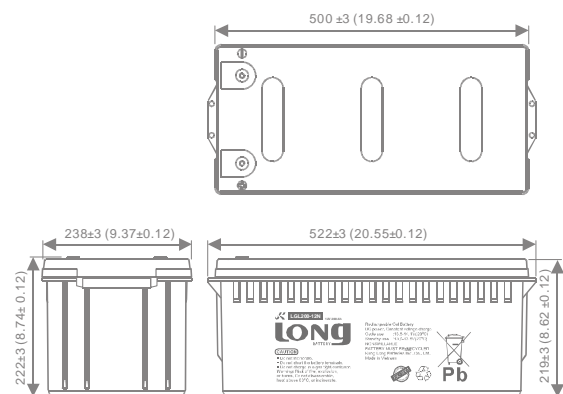
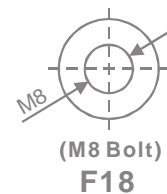
Recommended torque value M8: 7.35 N-m (75kg-cm)

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

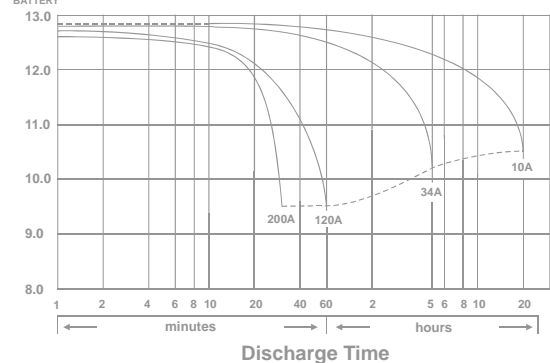


Dimensions

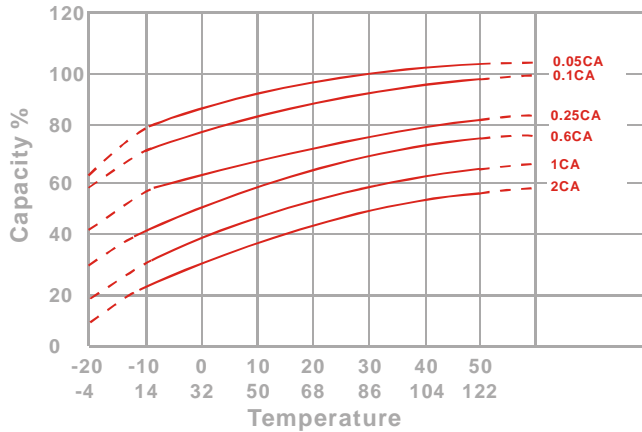
mm(inch)



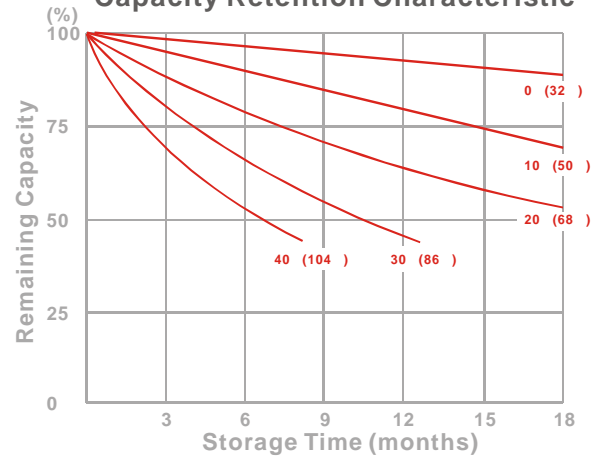
(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25)



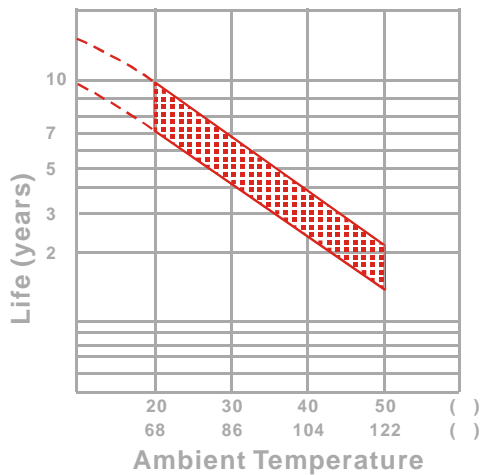
Effect of Temperature on Capacity 25 (77 °)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

