

⚡ Specifications

Nominal Voltage(V)

2V

Nominal Capacity

10	hour rate	(20A	to	1.80V)	200Ah
5	hour rate	(34A	to	1.70V)	170Ah
1	hour rate	(120A	to	1.60V)	120Ah
1	C	(200A	to	1.60V)	100Ah

Weight

Approx. 16.1kg(35.4Lbs.)

Internal Resistance (at 1KHz)

Approx. 0.9 mΩ

Maximum Discharge Current for

5 seconds: 1200A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	2.33 to 2.36V
Coefficient	-5.0mV/°C/cell
Maximum Charging Current :	60A
Standby use:	
Float Charging Voltage	2.21 to 2.25V
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

12 Years.

Terminal

F18



⚡ Dimensions

Length (L) 170±3 (6.69±0.12)

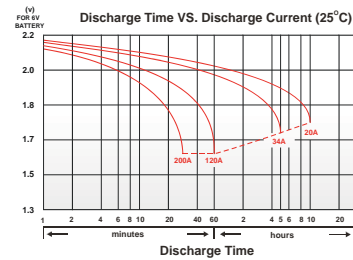
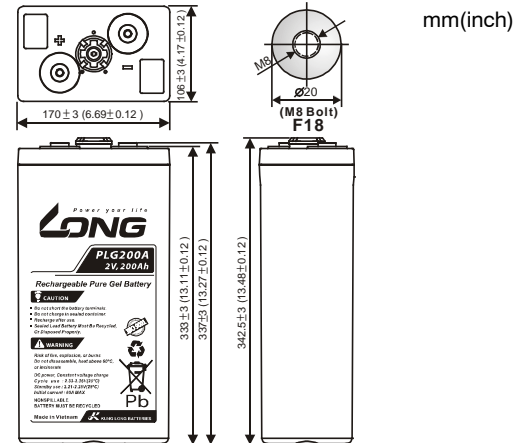
Width (W) 106±3 (4.17±0.12)

Height (H) 333±3 (13.11±0.12)

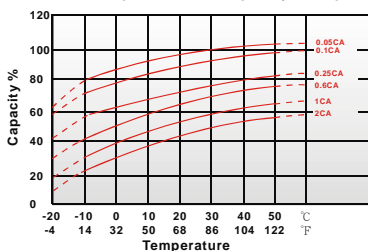
Overall Height (HT) 342.5±3 (13.48±0.12)

Description of torque value of hard ware for the terminals:

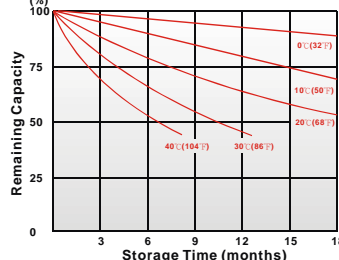
Recommended torque value M8:12 N-m (122kgf-cm)
Maximum allowable torque value M8:20 N-m (204kgf-cm)



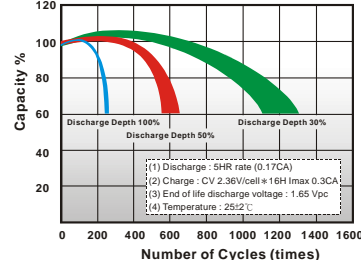
Effect of Temperature on Capacity 25°C(77°F)



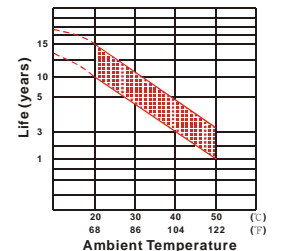
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



250522-1D