

⚡ Specifications

Nominal Voltage(V)

2V

Nominal Capacity

10	hour rate	(80A	to	1.80V)	800Ah
5	hour rate	(136A	to	1.70V)	680Ah
1	hour rate	(480A	to	1.60V)	480Ah
1	C	(800A	to	1.60V)	400Ah

Weight

Approx. 55kg(121Lbs.)

Internal Resistance (at 1KHz)

Approx. 0.5mΩ

Maximum Discharge Current for

5 seconds: 4800A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	2.33 to 2.36V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current :	240A
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

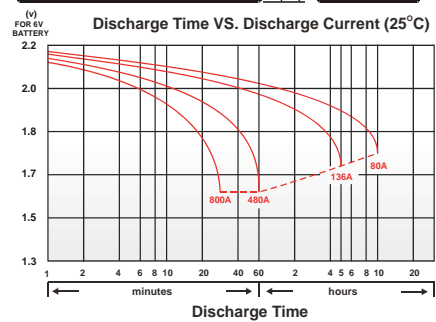
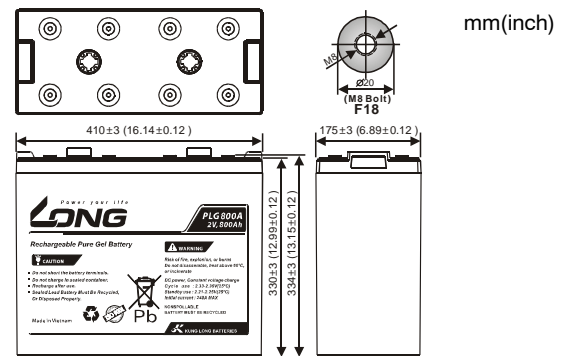


⚡ Dimensions

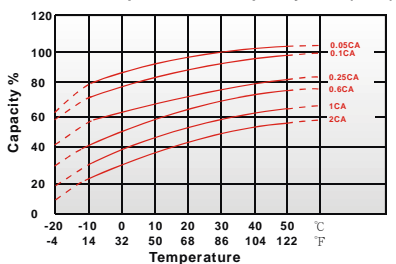
Length (L)	410±3 (16.14±0.12)
Width (W)	175±3 (6.89±0.12)
Height (H)	330±3 (12.99±0.12)
Overall Height (HT)	334±3 (13.15±0.12)

Description of torque value of hard ware for the terminals:

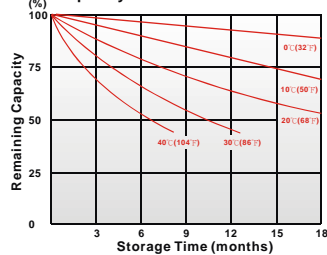
Recommended torque value	M8:12 N-m (122kgf-cm)
Maximum allowable torque value	M8:20 N-m (204kgf-cm)



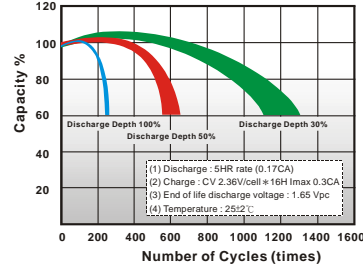
Effect of Temperature on Capacity 25°C(77°F)



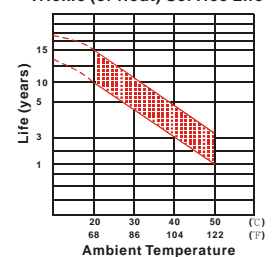
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



250522-1C