

### ⚡ 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

EUROBAT(20°C) : > 12 YEARS VERY LONG LIFE

#### Terminal

F18



### ⚡ Dimensions

Length (L) 410±3 (16.14±0.12)

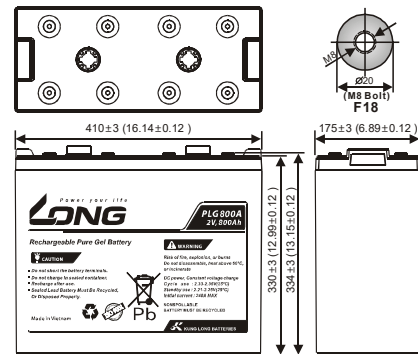
Width (W) 175±3 (6.89±0.12)

Height (H) 330±3 (12.99±0.12)

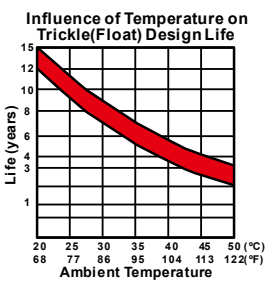
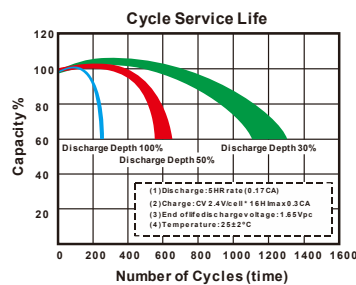
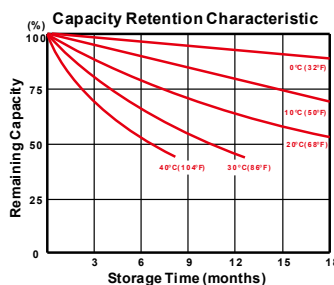
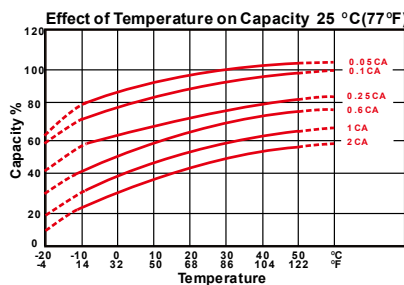
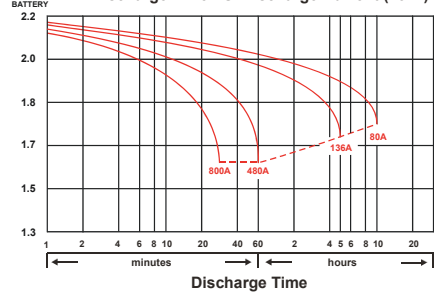
Overall Height (HT) 334±3 (13.15±0.12)

#### Description of torque value of hardware for the terminals:

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



(V) FOR EV BATTERY Discharge Time VS. Discharge Current (25°C)



200125-1D