

⚡ Specifications

Nominal Voltage(V)

2V

Nominal Capacity

10 hour rate	(100A to 1.80V)	1000Ah
5 hour rate	(170A to 1.70V)	850Ah
1 hour rate	(600A to 1.60V)	600Ah
1 C	(1000A to 1.60V)	500Ah

Weight

Approx. 66.0kg(145.2Lbs.)

Internal Resistance (at 1KHz)

Approx. 0.45 mΩ

Maximum Discharge Current for

5 seconds: 6000A

Charging Methods at 25°C (77°F)

Cycle use:	
Charging Voltage	2.33 to 2.36V
Coefficient	-5.0mV/°C/cell
Maximum Charging Current :	300A
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



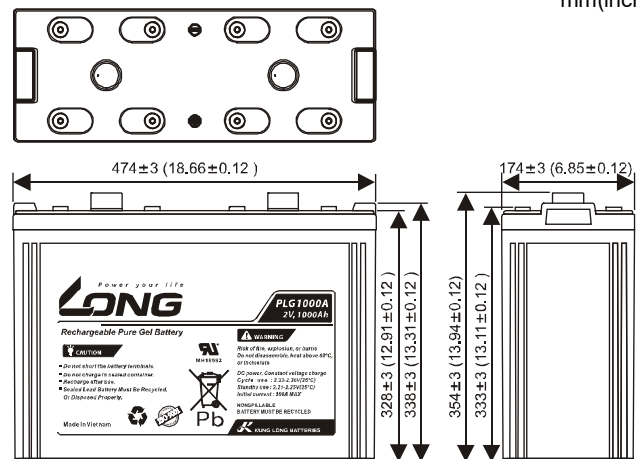
⚡ Dimensions

Length (L)	474±3 (18.66±0.12)
Width (W)	174±3 (6.85±0.12)
Height (H)	328±3 (12.91±0.12)
Overall Height (HT)	354±3 (13.94±0.12)

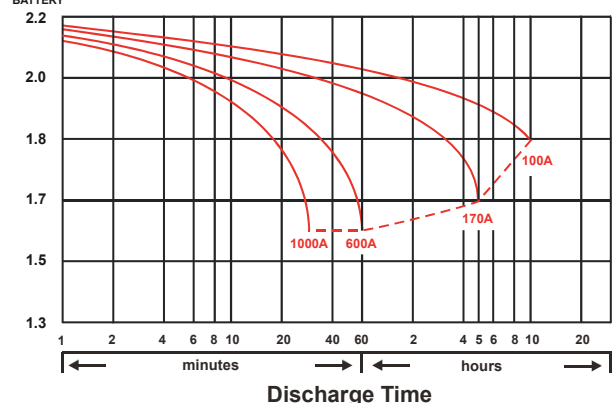
Description of torque value of hardware for the terminals:

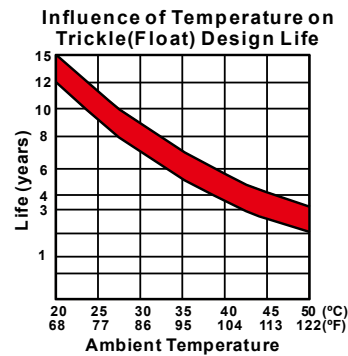
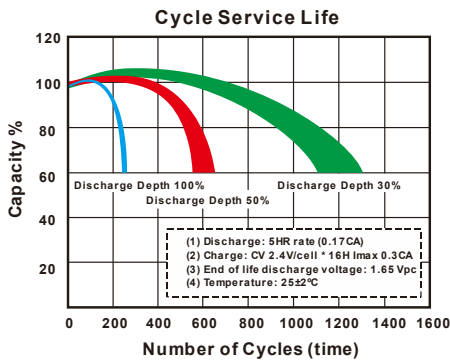
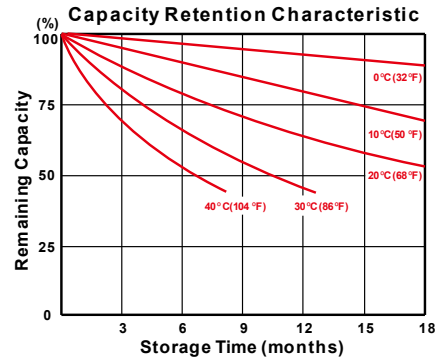
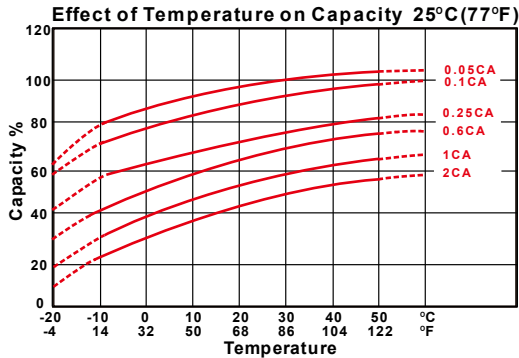
Recommended torque value	M8:12 N-m (122kgf-cm)
Maximum allowable torque value	M8:20 N-m (204kgf-cm)

mm(inch)



(V) FOR 2V BATTERY Discharge Time VS. Discharge Current (25°C)





- PERFORMANCE DATA

Discharge Rates in Watts to Various End Voltages at 25°C(77°F)

End Voltage		1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
Time	min						
60	min	873	909	938	958	983	1028
90	min	822	846	865	876	885	896
120	min	679	694	703	713	724	744
180	min	477	495	512	523	531	551
300	min	390	401	407	412	418	424
600	min	190	203	205	208	210	213
1200	min	115	119	121	123	124	126

- Discharge Rates in Amperes to Various End Voltages at 25°C(77°F)

End Voltage		1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
Time	min						
60	min	580	637	653	660	670	678
90	min	480	575	581	587	593	598
120	min	384	428	451	463	466	476
180	min	290	309	323	334	341	347
300	min	204	209	213	216	219	222
600	min	100	101	102	103	105	110
1200	min	58.0	60.0	61.8	62.9	64.0	64.6

All data on the spec. sheet is an average value:

The tolerance range : $X < 6\text{min}$ (+15%~-15%), $6\text{min} \leq X < 10\text{min}$ (+12%~-12%), $10\text{min} \leq X < 60\text{min}$ (+8%~-8%), $X \geq 60\text{min}$ (+5%~-5%)

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