

⚡ Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(2.5A	to	10.50V)	50Ah
10 hour rate	(4.75A	to	10.50V)	47.5Ah
5 hour rate	(8.5A	to	10.20V)	42.5Ah
1C	(50A	to	9.60V)	31.67Ah
3C	(150A	to	9.60V)	20Ah

Weight

Approx. 15.0kg(33.0Lbs.)

Internal Resistance (at 1KHz)

Approx. 5 mΩ

Maximum Discharge Current for

5 seconds: 750A

Charging Methods at 25°C (77°F)

Maximum Charging Current :	15A
Boost Charging Voltage	14.4 to 15.0V
Boost Charge Time	8-9Hr
Float Charging Voltage	13.5 to 13.8V
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	97%
3 month	92%
6 month	85%

Case Material

ABS UL94 V-0
Option: Flammability resistance of (UL94 V-0)

Design Life & Standard

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

Terminal

F8

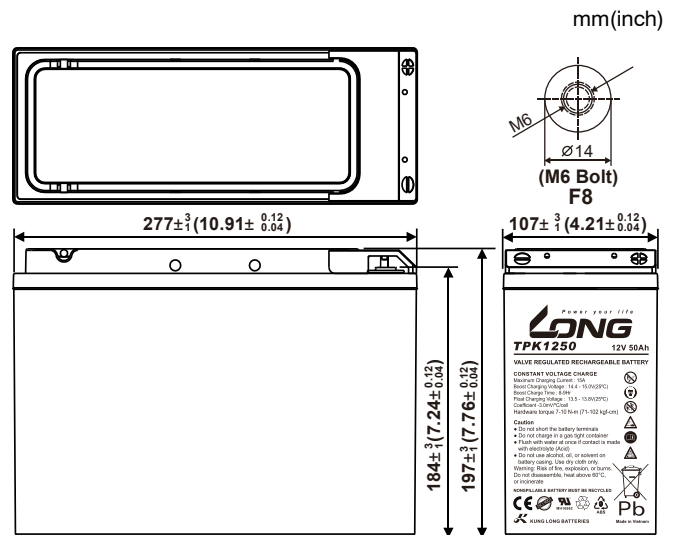


⚡ Dimensions

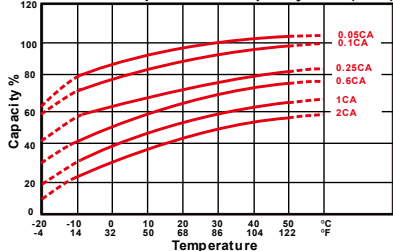
Length (L)	277± ³ (10.91± ^{0.12} _{0.04})
Width (W)	107± ³ (4.21± ^{0.12} _{0.04})
Height (H)	197± ³ (7.76± ^{0.12} _{0.04})
Overall Height (HT)	197± ³ (7.76± ^{0.12} _{0.04})

Description of torque value of hardware for the terminals:

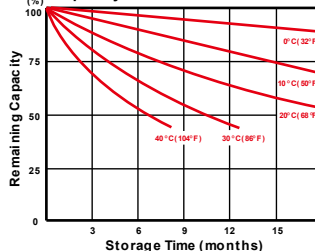
Recommended torque value	M6: 7 N-m (71 kgf-cm)
Maximum allowable torque value	M6: 10 N-m (102 kgf-cm)



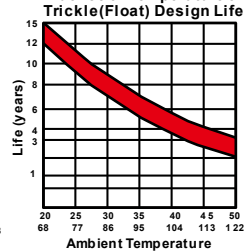
Effect of Temperature on Capacity 25°C(77°F)



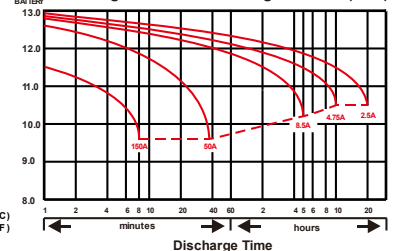
Capacity Retention Characteristic



Influence of Temperature on Trickle(Float) Design Life



Discharge Time VS. Discharge Current (25°C)



090226-1E