

⚡ Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(1.8A	to	10.50V)	36Ah
10 hour rate	(3.42A	to	10.50V)	34.2Ah
5 hour rate	(6.12A	to	10.20V)	30.6Ah
1C	(36A	to	9.60V)	22.8Ah
3C	(108A	to	9.60V)	14.4Ah

Weight

Approx. 11.0kg(24.2Lbs.)

Internal Resistance (at 1KHz)

Approx. 8 mΩ

Maximum Discharge Current for

5 seconds:540A

Charging Methods at 25°C(77°F)

Maximum Charging Current :	10.8A
Standby use:	
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	92%
3 month	90%
6 month	80%

Case Material

ABS UL94 HB

Option: Flammability resistance of (UL94 V-0)

Design Life & Standard

Expected Trickle Design Life: 10-12 years at 20°C according to Eurobat.

Terminal

F4



⚡ Dimensions

Length (L)

197±2-1 (7.76±0.08-0.04)

Width (W)

131±2-1 (5.16±0.08-0.04)

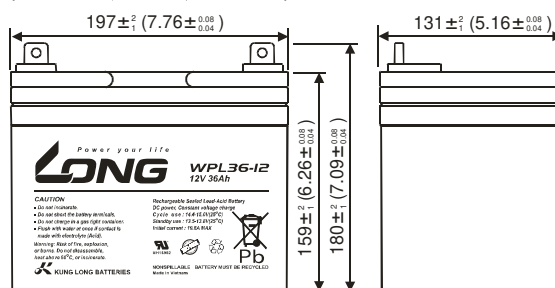
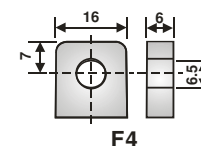
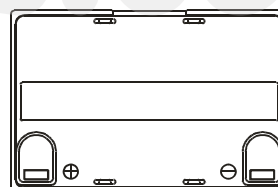
Height (H)

159±2-1 (6.26±0.08-0.04)

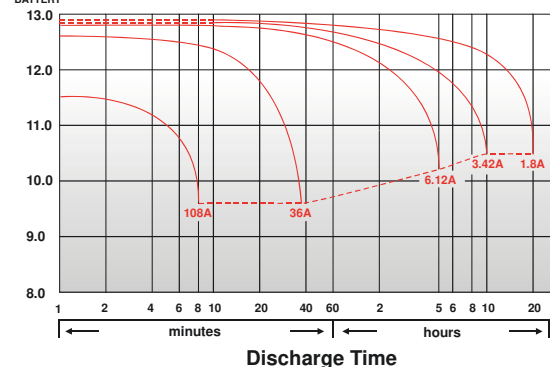
Overall Height (HT)

180±2-1 (7.09±0.08-0.04)

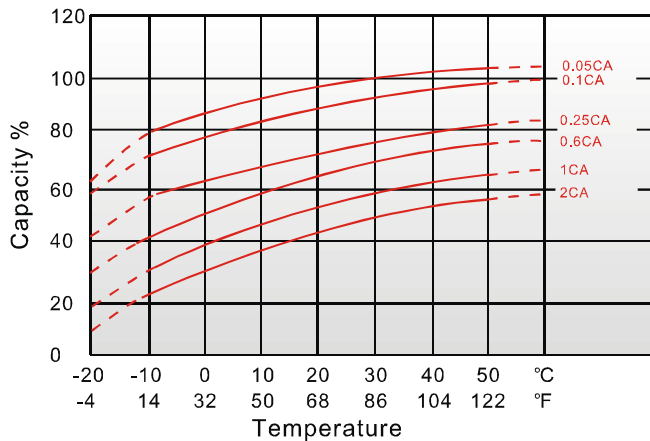
mm(inch)



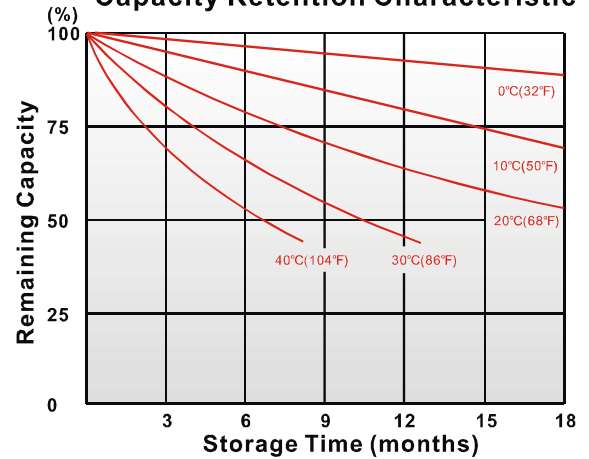
(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



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

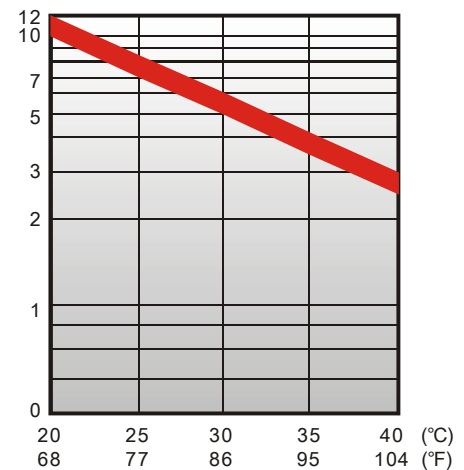


Capacity Retention Characteristic



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Trickle (or float) Service Life



111120-1B