

### ⚡ Specifications

#### Nominal Voltage(V)

12V

#### Nominal Capacity

20 hour rate	(1.8A to 10.50V)	36Ah
5 hour rate	(6.12A to 10.20V)	30.6Ah
1 hour rate	(19.8A to 9.60V)	19.8Ah
1 C	(36A to 9.60V)	19.2Ah

#### Weight

Approx. 10.7kg(23.54Lbs.)

#### Internal Resistance (at 1KHz)

Approx. 4 mΩ

#### Maximum Discharge Current for

5 seconds:540A

#### Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	13.8 to 14.4V
Coefficient	-5.0mV/°C/cell
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

7-10 Years.

#### Terminal

F8



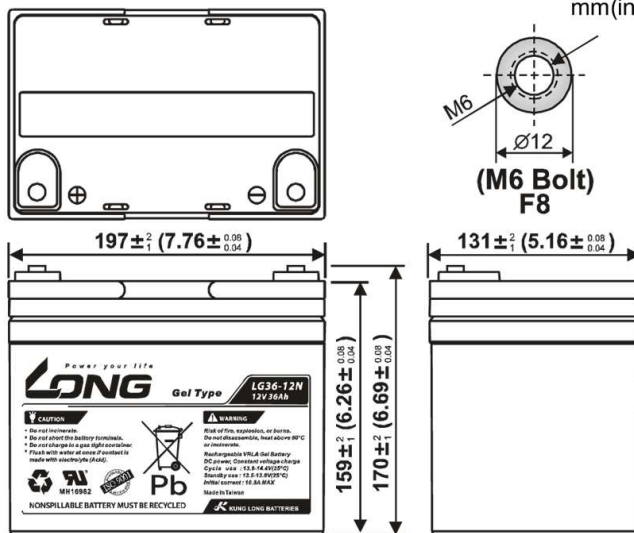
### ⚡ Dimensions

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)	170±2-1 (6.69±0.08-0.04)

#### Description of torque value of hard ware for the terminals:

Recommended torque value	M6:7 N-m (71kgf-cm)
Maximum allowable torque value	M6:9 N-m (92kgf-cm)

mm(inch)



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

