

### ⚡ Specifications

#### Nominal Voltage(V) at 25°C(77°F)

2V

#### Nominal Capacity at 25°C(77°F)

10	hour rate	(50A	to	1.80V)	500Ah
5	hour rate	(85A	to	1.80V)	425Ah
3	hour rate	(125A	to	1.80V)	375Ah
1	hour rate	(300A	to	1.80V)	300Ah

#### Weight

>29kg(63.8Lbs.)

#### Internal Resistance (at 1KHz) at 25°C(77°F)

≤0.42 mΩ

#### Maximum Discharge Current for

5 seconds: 3000A

#### Maximum Short circuit current (IEC 60896)

3800A

#### Charging Methods at 25°C(77°F)

Cycle use:

Charging Voltage 2.33 to 2.45V

Coefficient -5.0mV/°C/cell

Maximum Charging Current : 150A

Standby use:

Float Charging Voltage 2.20 to 2.30V

Coefficient -3.0mV/°C/cell

#### Operating Temperature Range

Charge -20°C(-4°F) to 60°C(140°F)

Discharge -20°C(-4°F) to 60°C(140°F)

Storage -20°C(-4°F) to 60°C(140°F)

#### Charge Retention (shelf life) at 25°C(77°F)

1 month	98%
3 month	94%
6 month	85%

#### Case Material

ABS UL94 HB

Option: Flammability resistance of (UL94 V-0)

#### Design Life at 25°C(77°F)

20 Years.

#### Terminal

F18

#### Battery Construction

Positive plate	Negative Plate	Electrolyte	Terminal	Safety value	Separator	Efficient gas recombination
Lead dioxide	Lead	Gelled acid	Copper	Rubber	PE	99%



### ⚡ Dimensions

#### Length (L)

197±3 (7.76±0.12)

#### Width (W)

170±3 (6.69±0.12)

#### Height (H)

333±3 (13.11±0.12)

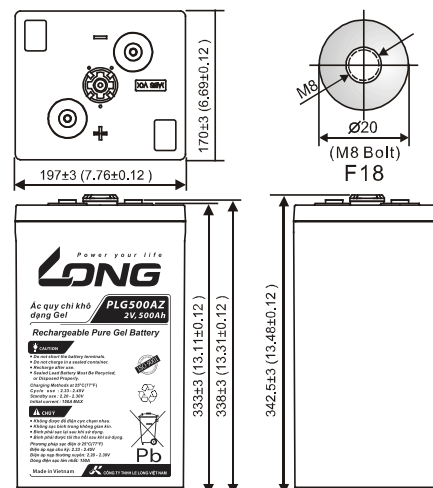
#### Overall Height (HT)

342.5±3 (13.48±0.12)

#### Description of torque value of hard ware 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) Discharge Time VS. Discharge Current (25°C)

