

RECHARGEABLE SEALED LEAD ACID BATTERY

Supplier of Energy

U1-36NE 12Volt 36Ah

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
1 C	(36A	to	9.60V)	20.4Ah
3 C	(108A	to	9.60V)	14.4Ah

Weight **Approx. 10.7kg(23.54Lbs.)**

Internal Resistance (at 1KHz) **Approx. 8 mΩ**

Maximum Discharge Current for
5 seconds: **540A**

Charging Methods at 25°C(77°F)

Cycle use:

Charging Voltage **14.4 to 15.0V**

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)

Terminal **F8**

Description of torque value of hard ware for the terminals:

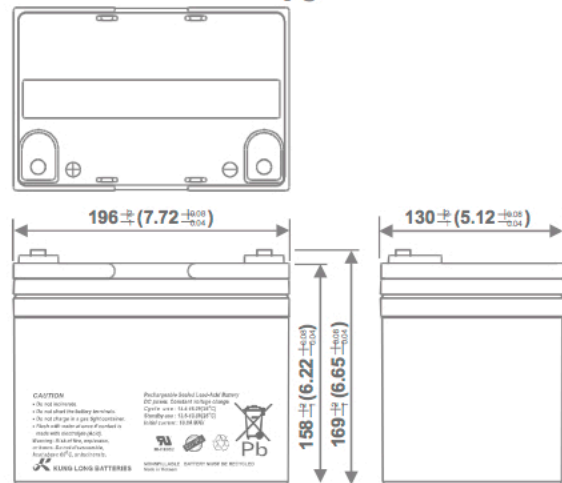
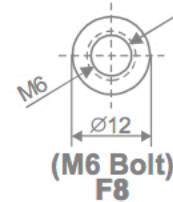
Recommended torque value **M6: 7 N-m (71kgf-cm)**

Maximum allowable torque value **M6: 9 N-m (92kgf-cm)**



Dimensions

mm(inch)



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

