

Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(2.65A to 10.50V)	53Ah
10 hour rate	(5.035A to 10.50V)	50.35Ah
5 hour rate	(9.01A to 10.20V)	45.05Ah
1 C	(53A to 9.60V)	30.03Ah
3 C	(159A to 9.60V)	21.2Ah

Weight

Approx. 15.4kg(33.9Lbs.)

Internal Resistance (at 1KHz)

Approx. 4.2 mΩ

Maximum Discharge Current for

5 seconds: 636A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current :	15.9A
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	98%
3 month	94%
6 month	85%

Case Material

ABS UL94 HB

Option: Flammability resistance of (UL94 V-0)

Terminal

F8



Dimensions

Length (L)

198 $\pm$ ₁² (7.80 $\pm$ _{0.04}^{0.08})

Width (W)

165 $\pm$ ₁² (6.50 $\pm$ _{0.04}^{0.08})

Height (H)

171 $\pm$ ₁² (6.73 $\pm$ _{0.04}^{0.08})

Overall Height (HT)

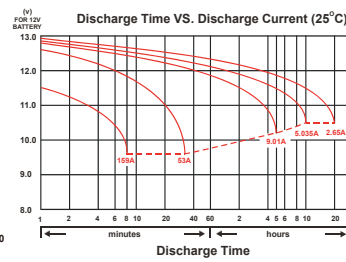
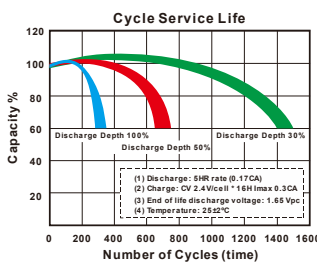
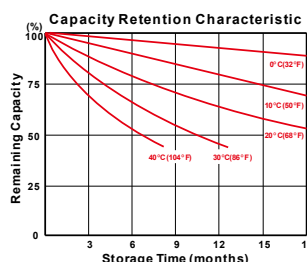
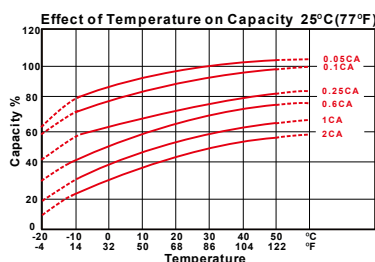
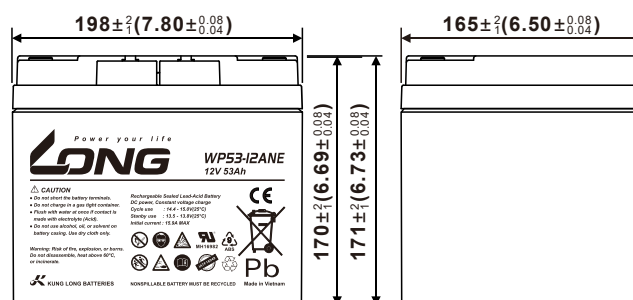
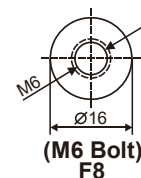
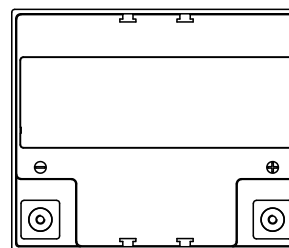
171 $\pm$ ₁² (6.73 $\pm$ _{0.04}^{0.08})

Recommended torque value

M6: 7 N-m (71 kgf-cm)

Maximum allowable torque value

M6: 10 N-m (102 kgf-cm)
mm(inch)



250325-1A