

⚡ Specifications

Nominal Voltage (V)

12V

Nominal Capacity

10 hour rate	(10A to 10.80V)	100Ah
5 hour rate	(17A to 10.20V)	85Ah
1 hour rate	(60A to 9.60V)	60Ah
1 C	(100A to 9.60V)	63.3Ah

Weight

Approx. 31.2kg(68.6Lbs.)

Internal Resistance (at 1KHz)

Approx. 5mΩ

Maximum Discharge Current for

5 seconds: 600A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current :	30A
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)

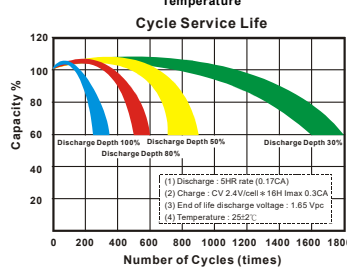
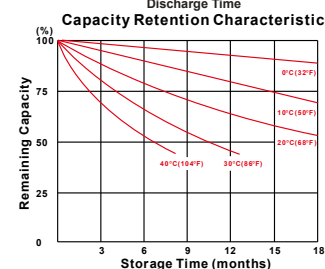
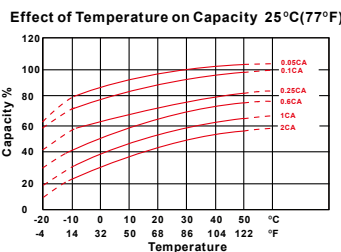
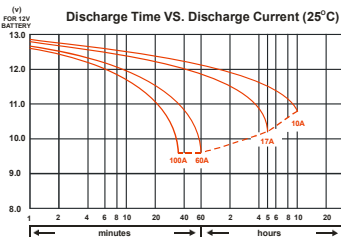
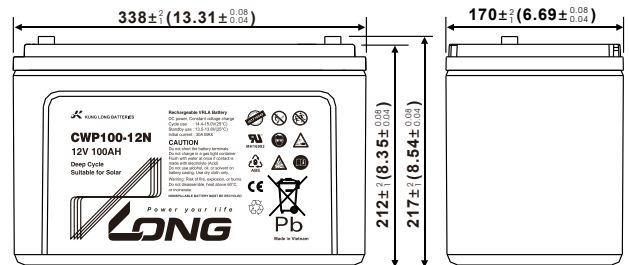
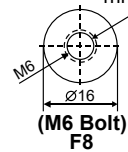
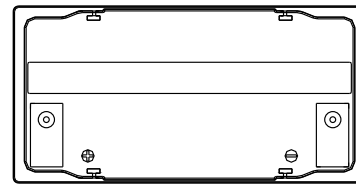


⚡ Dimensions

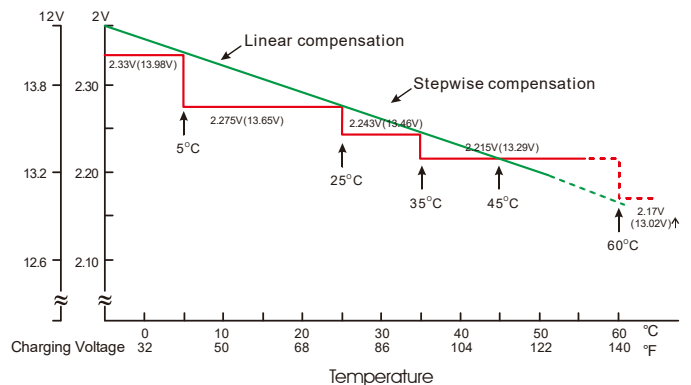
Length (L)	338± ² ₋₁ (13.31± ^{0.08} _{-0.04})
Width (W)	170± ² ₋₁ (6.69± ^{0.08} _{-0.04})
Height (H)	212± ² ₋₁ (8.35± ^{0.08} _{-0.04})
Overall Height (HT)	217± ² ₋₁ (8.54± ^{0.08} _{-0.04})
Terminal	F8

Description of torque value of hardware for the terminals:

Recommended torque value	M6: 7 N-m (71 kgf-cm)
Maximum allowable torque value	M6: 10N-m (102 kgf-cm)



Relationship Between Temperature and Charging Voltage



221024-1B