

Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(2.25A to 10.50V)	45Ah
10 hour rate	(4.274A to 10.50V)	42.75Ah
5 hour rate	(7.65A to 10.20V)	38.25Ah
1C	(45A to 9.60V)	28.5Ah
3C	(135A to 9.60V)	18Ah

Weight

Approx. 13.5kg(29.7Lbs.)

Internal Resistance (at 1KHz)

Approx. 7.5 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 :	13.5A
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	97%
3 month	92%
6 month	85%

Case Material

ABS UL94 HB
Option: Flammability resistance of (UL94 V-0)

Design Life & Standard

EUROBAT(20°C) : 10/12 YEARS LONG LIFE

Terminal

F4



Dimensions

Length (L)

198 $\pm$ 1 (7.08 $\pm$ 0.04)

Width (W)

166 $\pm$ 1 (6.54 $\pm$ 0.04)

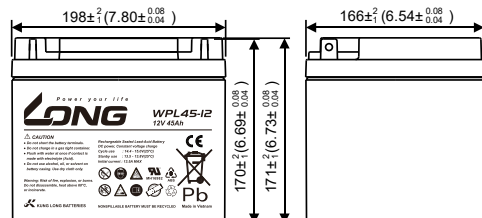
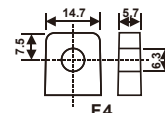
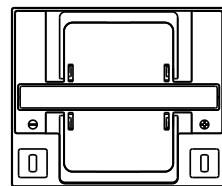
Height (H)

171 $\pm$ 1 (6.73 $\pm$ 0.04)

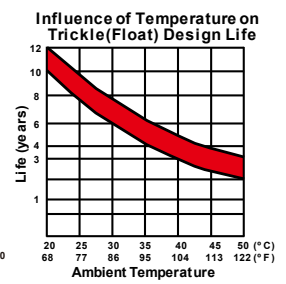
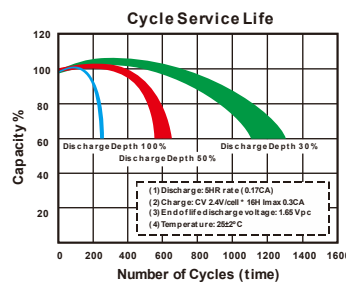
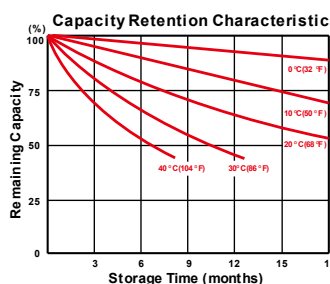
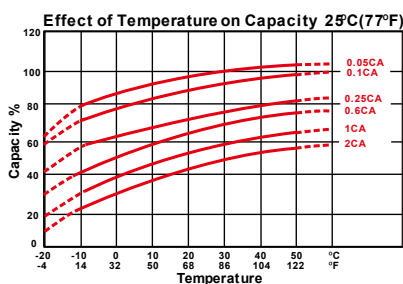
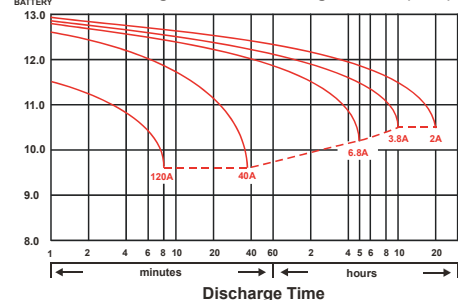
Overall Height (HT)

171 $\pm$ 1 (6.73 $\pm$ 0.04)

mm(inch)



Discharge Time VS. Discharge Current (25°C)



011124-1B-V