Power your life

Valve Regulated Lead Acid Battery

WPL12550WN

Specifications

Nominal Voltage(V)

12V

Nominal Power

15 mins rate:			550W/cell to 1.60V/cell

Nominal Capacity

20 hour rate	(7.75A	to	10.50V)	155Ah
10 hour rate	(15.5A	to	10.50V)	155Ah
5 hour rate	(26.35A	to	10.20V)	131.75Ah
1 hour rate	(93A	to	9.60V)	93Ah
1C	(155A	to	9.60V)	93Ah

Weight

Approx. 49.8kg(110Lbs.)

Internal Resistance (at 1KHz)

Approx. 2.9 mΩ

Maximum Discharge Current for

5 seconds: 1550A

Charging Methods at 25℃(77℉)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/℃/cell	
Maximum Charging Current：	46.5A
Standby use:	
Float Charging Voltage	13.5 to 13.8V
Coefficient -3.0mV/℃/cell	

Operating Temperature Range

Charge	-15℃(5℉)	to	40℃(104℉)
Discharge	-15℃(5℉)	to	50℃(122℉)
Storage	-15℃(5℉)	to	40℃(104℉)

Charge Retention (shelf life) at 20℃(68℉)

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

Case Material

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

Design Life & Standard

EUROBAT(20℃)：>12 YEARS VERY LONG LIFE

Terminal

F18

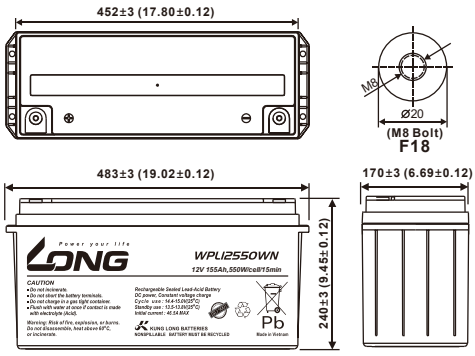
Dimensions

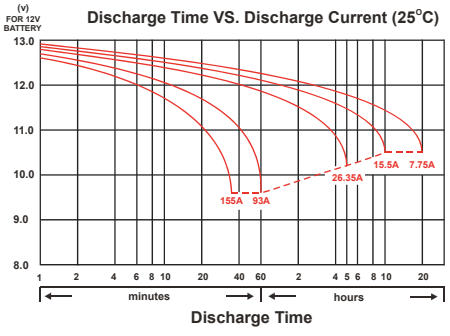
Length (L)	483±3 (19.02±0.12)
Width (W)	170±3 (6.69±0.12)
Height (H)	240±3 (9.45±0.12)
Overall Height (HT)	240±3 (9.45±0.12)

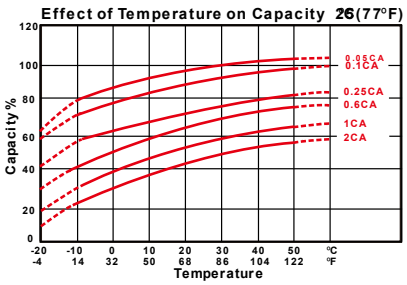
Description of torque value of hardware for the terminals:

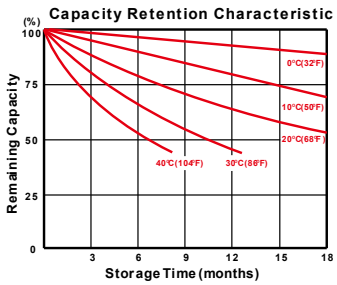
Recommended torque value	M8:12 N-m (122 kgf-cm)
Maximum allowable torque value	M8:20 N-m (204 kgf-cm)

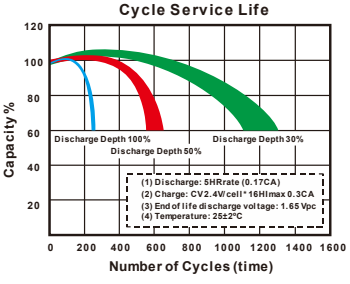
mm(inch)

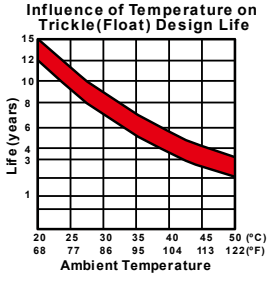












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