Power your life

Valve Regulated Lead Acid Battery

WPS55-12

Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(2.75A	to	10.50V)	55Ah
10 hour rate	(5.225A	to	10.50V)	52.25Ah
5 hour rate	(9.35A	to	10.20V)	46.75Ah
1 C	(55A	to	9.60V)	29.33Ah
3 C	(165A	to	9.60V)	19.25Ah

Weight

Approx. 15.1kg(33.22Lbs.)

Internal Resistance (at 1KHz)

Approx. 6.9 mΩ

Maximum Discharge Current for

5 seconds: 660A

Charging Methods at 25℃(77℉)

Maximum Charging Current：	16.5A
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	97%
3 month	92%
6 month	85%

Case Material

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

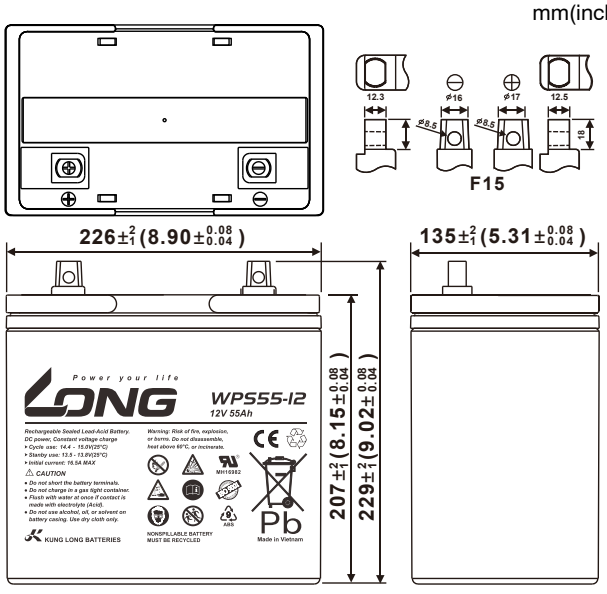
Design Life

EUROBAT(20℃): 3-5 YEARS STANDARD COMMERCIAL

Dimensions

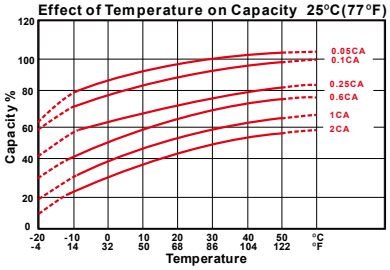
Length (L)	$226\pm^{2}_{1}$ ($8.90\pm^{0.08}_{0.04}$)
Width (W)	$135\pm^{2}_{1}$ ($5.31\pm^{0.08}_{0.04}$)
Height (H)	$207\pm^{2}_{1}$ ($8.15\pm^{0.08}_{0.04}$)
Overall Height (HT)	$229\pm^{2}_{1}$ ($9.02\pm^{0.08}_{0.04}$)

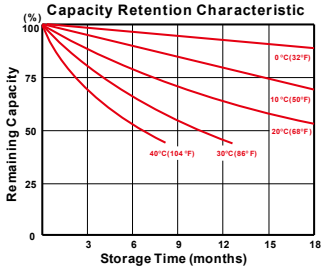
mm(inch)

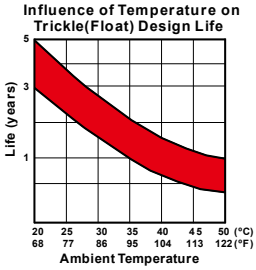


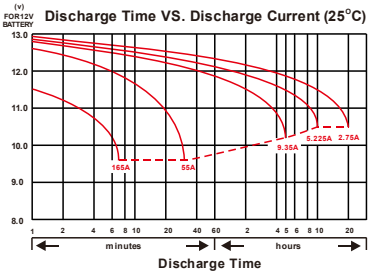
Terminal

F15









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