



RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.2



WP2.9-12

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.145A to	10.50V)	2.9Ah
10hour rate (0.29A to	10.50V)	2.9Ah
5hour rate (0.493A to	10.20V)	2.465Ah
1C (2.9A to	9.60V)	1.305Ah
3C (8.7A to	9.60V)	1.044Ah

Weight 1.176kg(2.59Lbs.)

Internal Resistance (at 1KHz) 33 mΩ

Maximum Discharge Current for
30 seconds : 58A

Maximum Discharge Current for
5 seconds : 116A

Operating Temperature Range

Charge	0°C (32°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	92%
3 month	90%
6 month	80%

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 14.4 to 15.0V
Maximum Charging Current : 0.87A

Standby use :

Float Charging Voltage 13.50 to 13.80V
No current limit required

Life expectancy :

Cycle Use :

100% depth of discharge 250 cycles
80% depth of discharge 350 cycles
50% depth of discharge 550 cycles

Standby Use : 3~5years

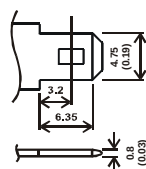
Case Material ABS

(94-HB & 94V-0 flame retardant case)

Terminal F1

Dimensions

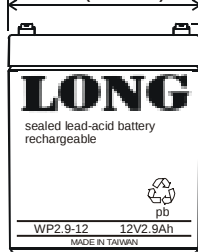
mm(inch)



(FASTON TAB NO. 187)



79 ± 1 (3.11 ± 0.04)



99 ± 1 (3.90 ± 0.04)

107 ± 1 (4.21 ± 0.04)

56 ± 1 (2.20 ± 0.04)

