



RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.1

WP2.9-12TR

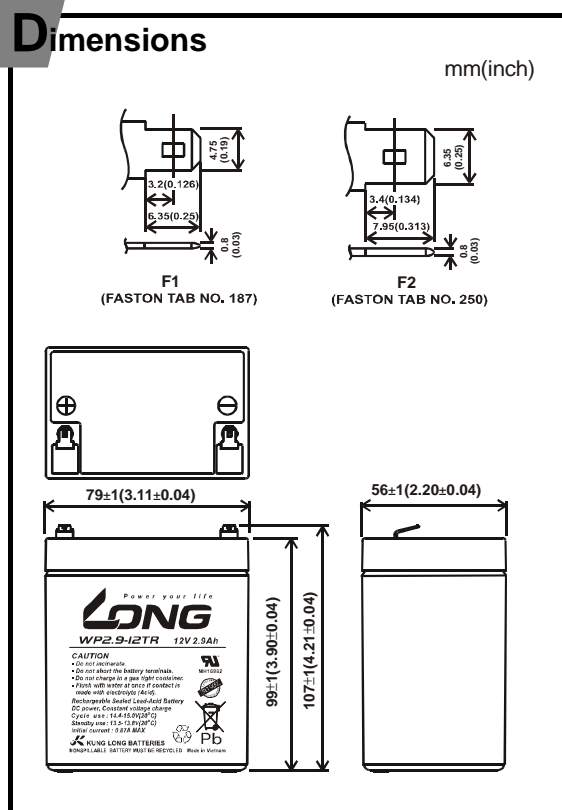
Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.145A to	10.50V)	2.9Ah
10hour rate (0.29A to	10.50V)	2.755Ah
5hour rate (0.493A to	10.20V)	2.465Ah
1C (2.9A to	9.60V)	1.305Ah
3C (8.7A to	9.60V)	1.01Ah

Dimensions



Weight Approx.1.243kg(2.73Lbs.)

Internal Resistance (at 1KHz) 30 mΩ

Maximum Discharge Current for
5 seconds : 135A

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 20°C (68°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

Life expectancy :

Cycle Use :

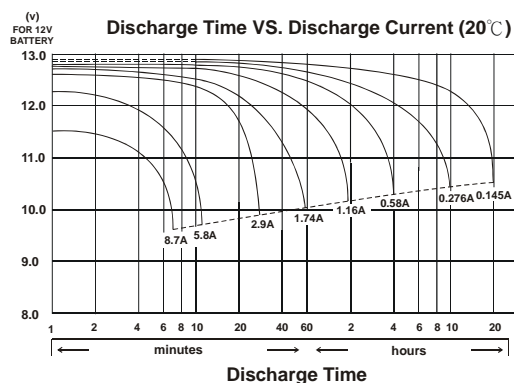
100% depth of discharge 200 cycles
80% depth of discharge 225 cycles
50% depth of discharge 500 cycles

Standby Use : 3~5years

Case Material ABS

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

Terminal F1 or F2



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