



RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.2



WP8-12

Specifications

Nominal Voltage (V)	12V
Nominal Capacity	
20hour rate (0.4A to 10.50V)	8Ah
10hour rate (0.8A to 10.50V)	8Ah
5hour rate (1.36A to 10.20V)	6.8Ah
1C (8A to 9.60V)	3.6Ah
3C (24A to 9.60V)	2.88Ah

Weight 2.678kg(5.91Lbs.)

Internal Resistance (at 1KHz) 18 mΩ

Maximum Discharge Current with Standard Terminals : 160A

Maximum Short-Duration Discharge Current : 320A

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 : 2.4A

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

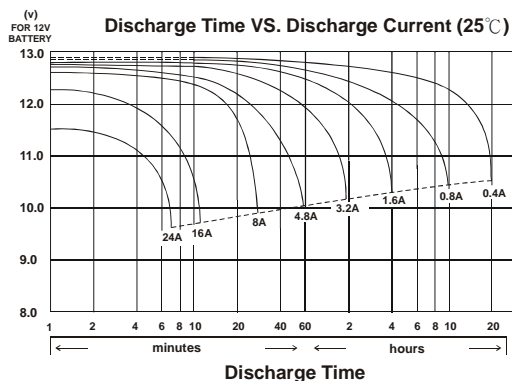
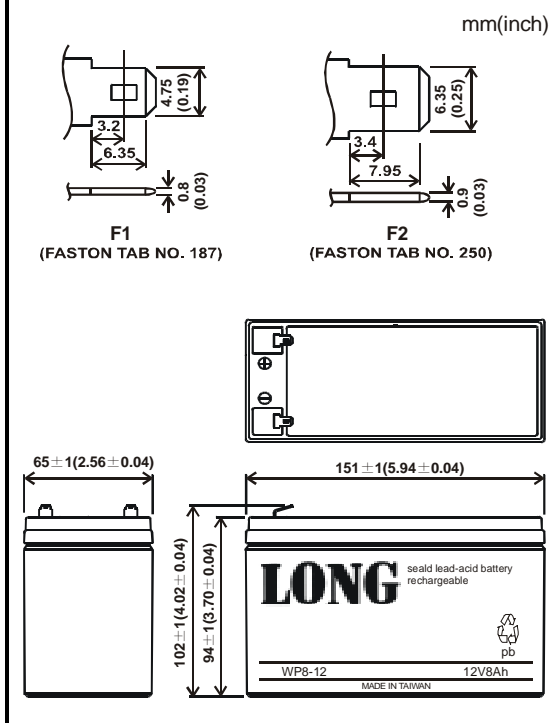
Standby Use : 3~5years

Case Material ABS

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

Terminal F1 or F2

Dimensions



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