



WP12-12

Specifications

Nominal Voltage (V)	12V
Nominal Capacity	
20hour rate (0.6A to 10.50V)	12Ah
10hour rate (1.2A to 10.50V)	11.4Ah
5hour rate (2.04A to 10.20V)	10.2Ah
1C (12A to 9.60V)	5.4Ah
3C (36A to 9.60V)	4.32Ah

Weight 4.1kg(9.02Lbs.)

Internal Resistance (at 1KHz) 13 mΩ

Maximum Discharge Current for 30 seconds : 240A

Maximum Discharge Current for 5 seconds : 480A

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 : 3.6A

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

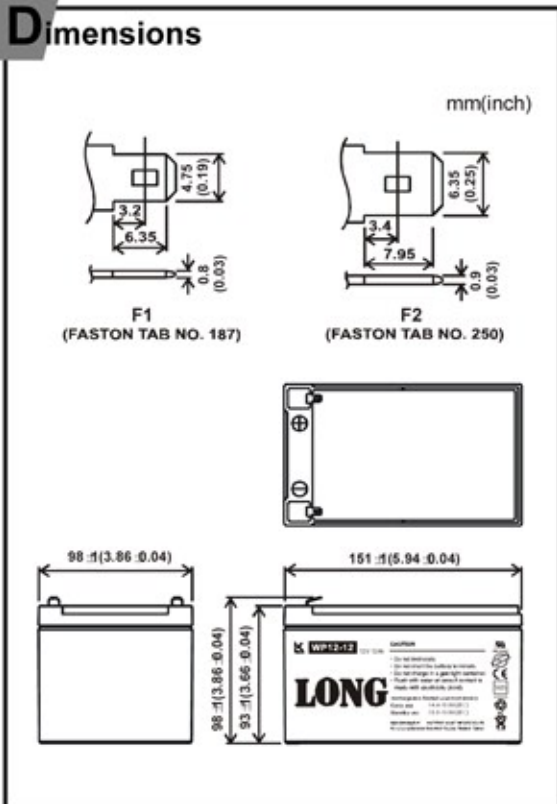
ABS

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

Terminal

F1 or F2

Dimensions



(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)

