



RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.2



WP3.3-12

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.165A to	10.50V)	3.3Ah
10hour rate (0.33A to	10.50V)	3.3Ah
5hour rate (0.56A to	10.20V)	2.8Ah
1C (3.3A to	9.60V)	1.5Ah
3C (9.9A to	9.60V)	1.2Ah

Weight 1.37kg(3.02Lbs.)

Internal Resistance (at 1KHz) 34 mΩ

Maximum Discharge Current for 30 seconds : 66A

Maximum Discharge Current for 5 seconds : 132A

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 : 0.9A

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

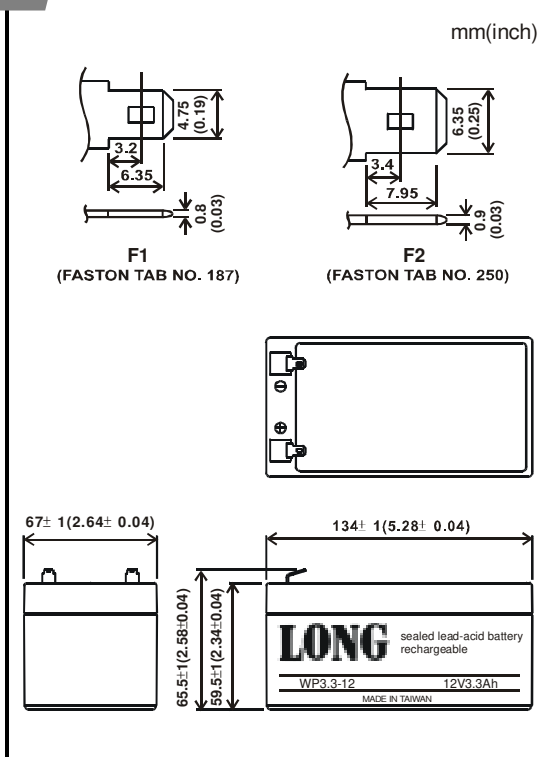
Standby Use : 3~5years

Case Material ABS

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

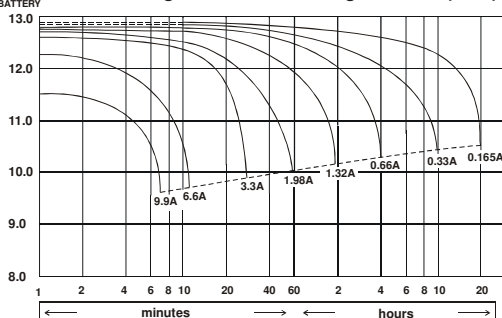
Terminal F1 or F2

Dimensions



(V)
FOR 12V
BATTERY

Discharge Time VS. Discharge Current (25°C)



Discharge Time