

multipower MP12-12/MP12-12B
VdS-No. G103083
RECHARGEABLE SEALED LEAD ACID BATTERY

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

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

Weight 4.27kg(9.39Lbs.)

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

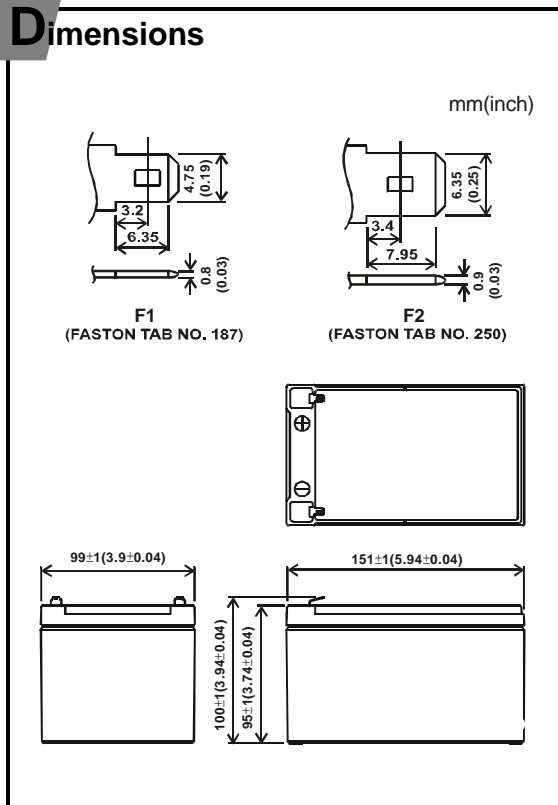
Case Material ABS

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

Terminal MP12-12 = F1

MP12-12B = F2

Dimensions



(V)
FOR 12V
BATTERY

Discharge Time VS. Discharge Current (25°C)

