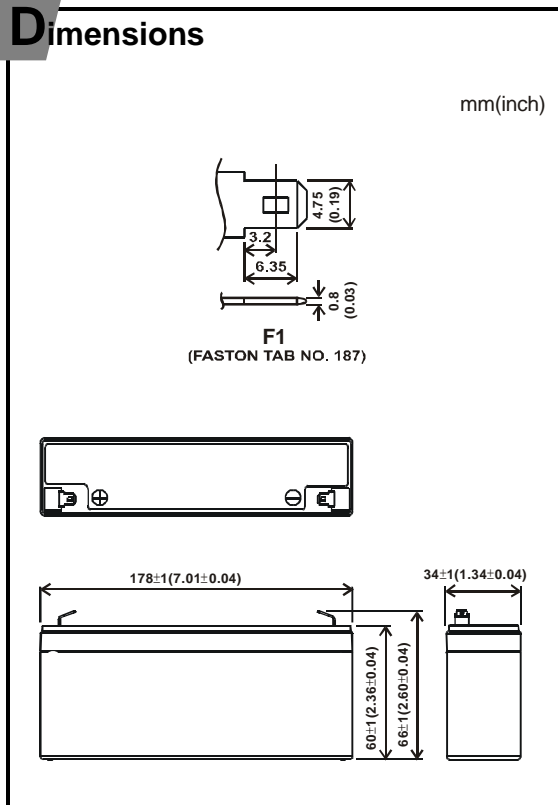


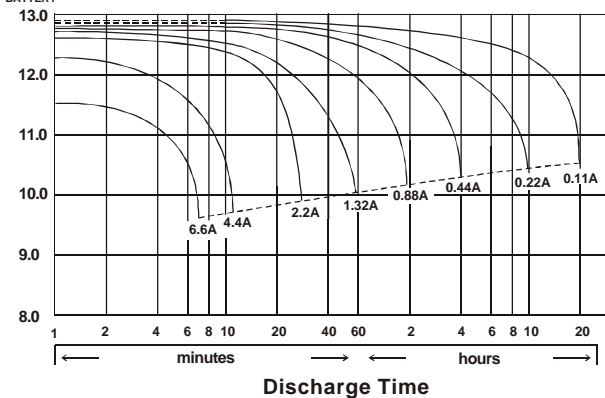
multipower MP2,2-12
VdS-No. G104019
RECHARGEABLE SEALED LEAD ACID BATTERY

Dimensions



(V)
FOR 12V
BATTERY

Discharge Time VS. Discharge Current (25°C)



Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.11A to 10.50V)	2.2Ah
10hour rate (0.22A to 10.50V)	2.2Ah
5hour rate (0.37A to 10.20V)	1.87Ah
1C (2.3A to 9.60V)	0.99Ah
3C (6.6A to 9.60V)	0.79Ah

Weight 1.06kg(2.34Lbs.)

Internal Resistance (at 1KHz) 36 mΩ

Maximum Discharge Current for 30 seconds : 46A

Maximum Discharge Current for 5 seconds : 92A

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 : 0.69A

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