

multipower MP1222A

RECHARGEABLE SEALED LEAD ACID BATTERY

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.11A to	10.50V)	2.0Ah
10hour rate (0.22A to	10.50V)	2.0Ah
5hour rate (0.374A to	10.20V)	1.7Ah
1C (2.2A to	9.60V)	0.9Ah
3C (6.9A to	9.60V)	0.72Ah

Weight 0.755kg(1.66Lbs.)

Internal Resistance (at 1KHz) 105 mΩ

Operating Temperature Range

Charge	0°C (32°F) to	40°C (104°F)
Discharge	-20°C (-4°F) to	50°C (122°F)
Storage	-20°C (-4°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:

Maximum Charging Current : 0.69A

Charging Voltage 14.4 to 15.0V

Standby use :

Float Charging Voltage 13.50 to 13.80V

Life expectancy :

Standby Use : 3~5years

Cycle Use :

100% depth of discharge 225cycles

80% depth of discharge 250cycles

50% depth of discharge 750cycles

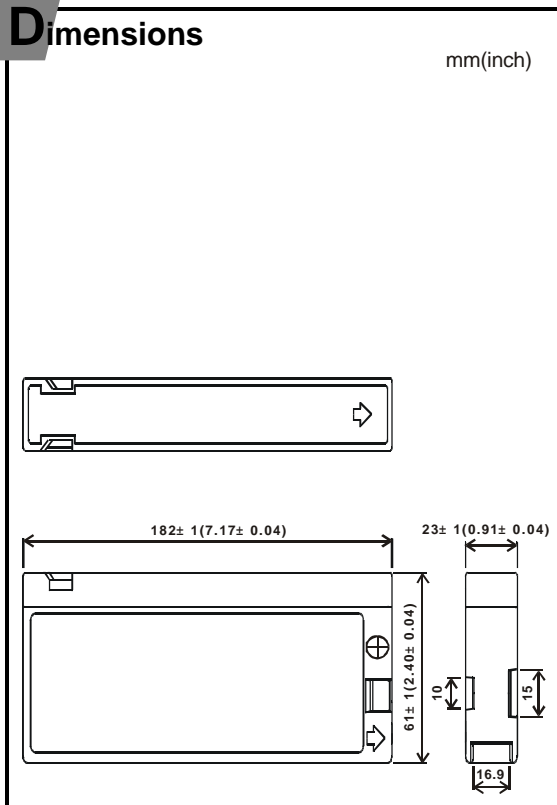
Case Material

ABS

Terminal

F13

Dimensions



(V)
FOR 12V
BATTERY

Discharge Time VS. Discharge Current (25°C)

