

multipower MP10-12S

RECHARGEABLE SEALED LEAD ACID BATTERY

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.5A	to	10.50V)	10Ah
10hour rate (1A	to	10.50V)	10Ah
5hour rate (1.7A	to	10.20V)	8.5Ah
1C (10A	to	9.60V)	4.5Ah
3C (30A	to	9.60V)	3.5Ah

Weight 3.335kg(7.34Lbs.)

Internal Resistance (at 1KHz) 15 mΩ

Maximum Discharge Current for 30 seconds : 200A

Maximum Discharge Current for 5 seconds : 400A

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 : 3A

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

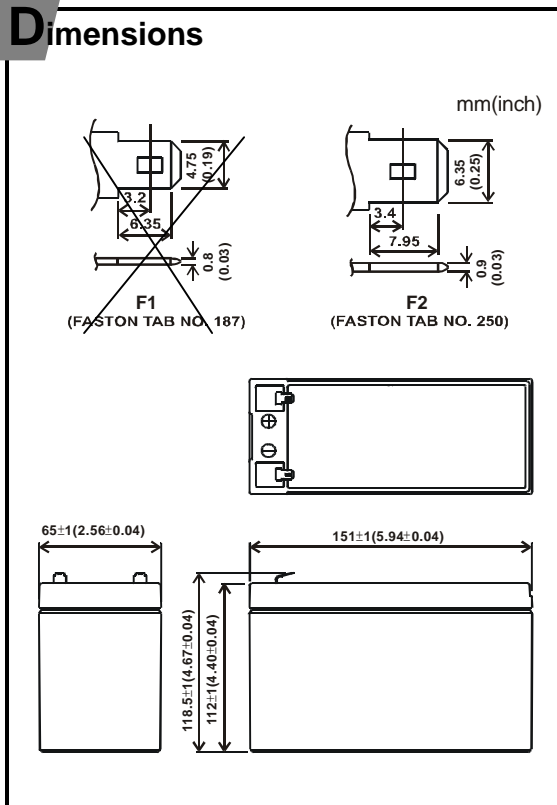
Standby Use : 3~5years

Case Material ABS

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

Terminal F2

Dimensions



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

