



MP12-12B

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: 3-5 years

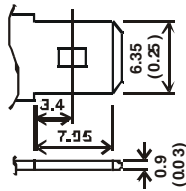
Case Material

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

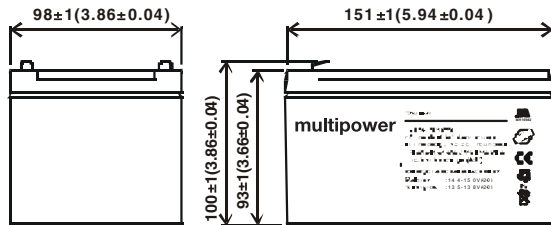
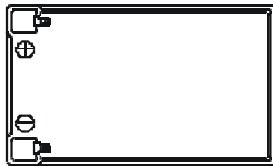
Terminal

F2

mm(inch)



F2
(FASTON TAB NO. 25D)



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

