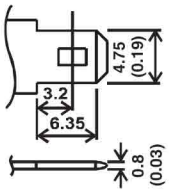
RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION

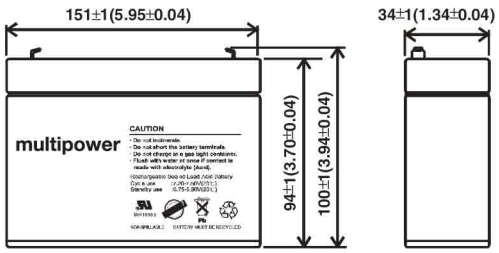


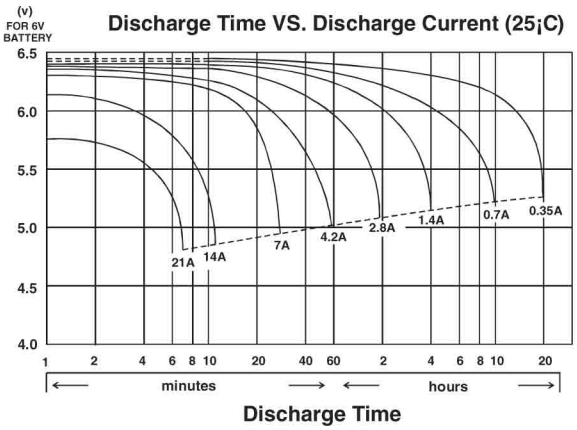


mm(inch)

F1
(FASTON TAB NO. 187)







MP7-6

Nominal Voltage (V) 6V

Nominal Capacity

20hour rate	(0.35A to 5.25V)	7Ah
10hour rate	(0.7A to 5.25V)	7Ah
5hour rate	(1.19A to 5.25V)	5.95Ah
1C	(7A to 4.80V)	3.15Ah
3C	(21A to 4.80V)	2.52Ah

Weight 1.312kg(2.89Lbs.)

Internal Resistance (at 1KHz) 10 mΩ

Maximum Discharge Current for 30 seconds : 140A

Maximum Discharge Current for 5 seconds : 280A

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 7.20 to 7.50V
Maximum Charging Current: 2.1A
Standby use:
Float Charging Voltage 6.75 to 6.90V

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 F1