



ES3.8-6

SPECIFICATIONS

Nominal Voltage (V) 6V

Nominal Capacity

20 hour rate (0.19A to 5.25V)	3.8Ah
10 hour rate (0.38A to 5.25V)	3.61Ah
5 hour rate (0.646A to 5.25V)	3.23Ah
1C (3.8A to 4.80V)	1.71Ah
3C (11.4A to 4.80V)	1.33Ah

Weight Approx. 1.63Lbs. (0.74kg)

Internal Resistance (at 1KHz) 18 mΩ

Maximum Discharge Current for 30 seconds : 76A

Maximum Discharge Current for 5 seconds : 152A

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 months	90%
6 months	80%

Charging Methods at 20°C (68°F)

Cycle Use : Charging Voltage 7.20 to 7.50V
Maximum Charging Current : 1.14A

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 Material)

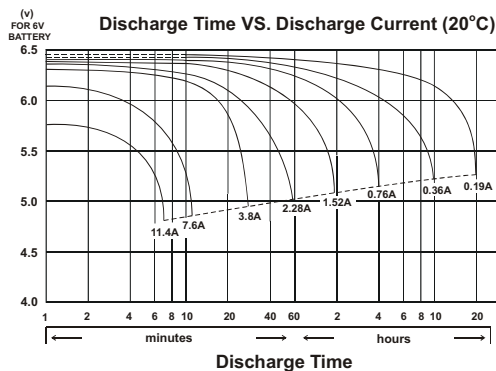
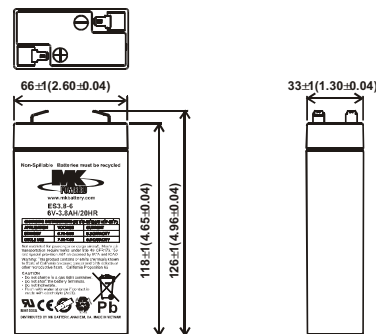
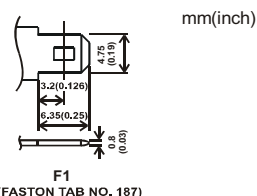
Terminal :

F1

Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



MK Battery

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