



ES1.9-12

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.115A to 10.50V)	2.3Ah
10 hour rate (0.23A to 10.50V)	2.185Ah
5 hour rate (0.39A to 10.20V)	1.96Ah
1C (2.3A to 9.60V)	1.04Ah
3C (6.9A to 9.60V)	0.80Ah

Weight Approx. 2.34Lbs. (1.06kg)

Internal Resistance (at 1KHz) 36 mΩ

Maximum Discharge Current for 30 seconds : 46A

Maximum Discharge Current for 5 seconds : 92A

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 14.4 to 15.0V
Maximum Charging Current : 0.69A

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 Material)

Terminal :

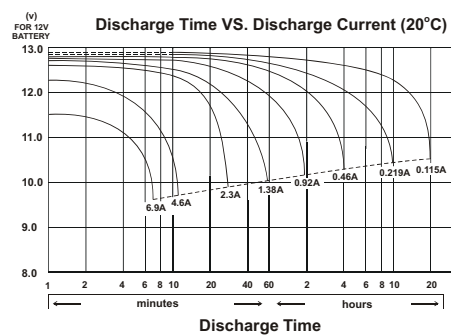
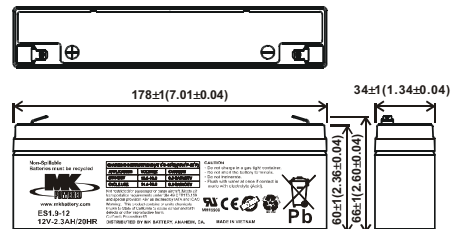
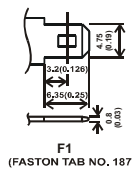
F1

Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS

mm(inch)



MK Battery

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