



ES1.2-12

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.06A to 10.50V)	1.2Ah
10 hour rate (0.114A to 10.50V)	1.14Ah
5 hour rate (0.204A to 10.20V)	1.02Ah
1C (1.2A to 9.60V)	0.68Ah
3C (3.6A to 9.60V)	0.48Ah

Weight Approx. 1.19Lbs. (0.54kg)

Internal Resistance (at 1KHz) Approx. 75.4 mΩ

Maximum Discharge Current for 5 seconds : 18A

Operating Temperature Range

Charge	-15°C (5°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 25°C (77°F)

Cycle Use : Charging Voltage 14.4 to 15.0V
Coefficient -5.0mv / °C / cell
Maximum Charging Current : 0.36A

Standby Use : Float Charging Voltage 13.5 to 13.8V
Coefficient -3.0mv / °C / cell

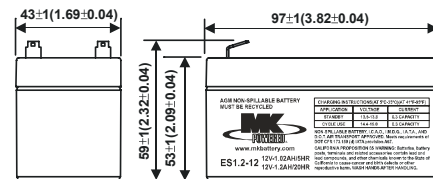
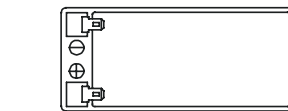
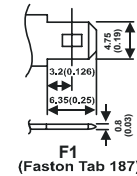
Case Material : ABS
(Option : UL94 HB Flame Retardant Case Material)

Terminal : F1

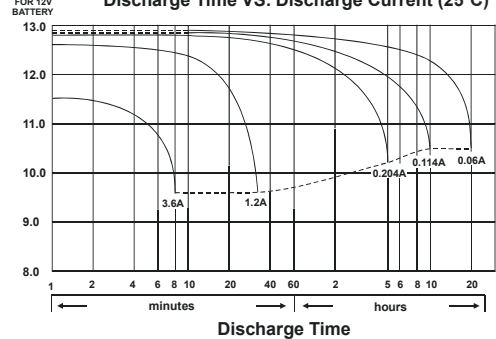
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



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



MK Battery

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