ES1.9-12

Maintenance-Free Rechargeable Sealed Lead-Acid Battery

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.115A to 10.50V)	2.3Ah
10 hour rate (0.219A to 10.50V)	2.185Ah
5 hour rate (0.39A to 10.20V)	1.955Ah
1C (2.3A to 9.60V)	1.303Ah
3C (6.9A to 9.60V)	0.92Ah

Weight Approx. 2.29Lbs. (1.04kg)

Internal Resistance (at 1KHz) Approx. 37 mΩ

Maximum Discharge Current for 5 seconds : 34.5A

Operating Temperature Range

Charge	-15ºC (5ºF) to 40ºC (104ºF)
Discharge	-15ºC (5ºF) to 50ºC (122ºF)
Storage	-15ºC (5ºF) to 40ºC (104ºF)

Charge Retention (shelf life) at 20ºC (68ºF)

1 month	92%
3 months	90%
6 months	80%

Charging Methods at 25ºC (77ºF)

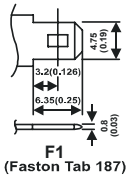
Cycle Use : Charging Voltage 14.4 to 15.0V
Coefficient -5.0mv / ºC / cell
Maximum Charging Current : 0.69A

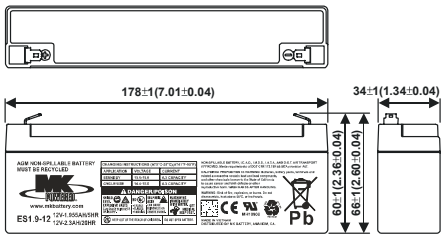
Standby Use : Float Charging Voltage 13.50 to 13.80V
Coefficient -3.0mv / ºC / cell

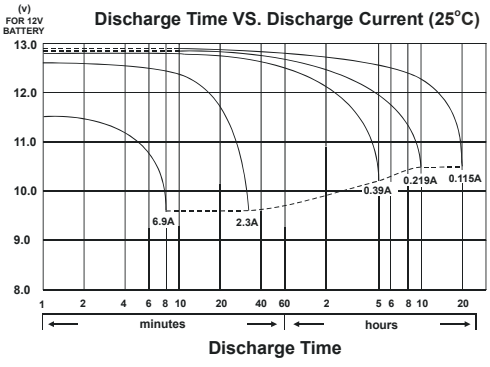
Case Material : ABS
(Option : UL94 HB Flame Retardant Case Material)

Terminal : F1

DIMENSIONS







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