



ES5-12SA

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.25A to 10.50V)	5Ah
10 hour rate (0.475A to 10.50V)	4.75Ah
5 hour rate (0.85A to 10.20V)	4.25Ah
1C (5A to 9.60V)	2.67Ah
3C (15A to 9.60V)	1.75Ah

Weight Approx. 3.56Lbs. (1.62kg)

Internal Resistance (at 1KHz) Approx. 34 mΩ

Maximum Discharge Current for 5 seconds : 75A

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 : 1.5A

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

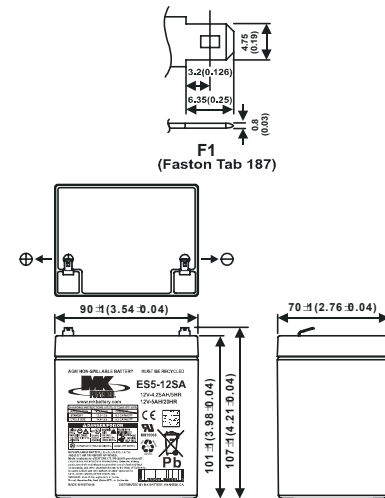
Case Material : ABS
(Option : UL94 HB Flame Retardant Case Material)

Terminal : F1

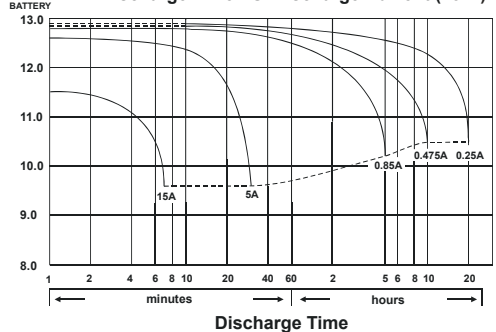
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



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



MK Battery

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