



ES7-12SA

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.35A to 10.50V)	7Ah
10 hour rate (0.665A to 10.50V)	6.65Ah
5 hour rate (1.19A to 10.20V)	5.95Ah
1C (7A to 9.60V)	4.43Ah
3C (21A to 9.60V)	2.8Ah

Weight Approx. 4.84Lbs. (2.20kg)

Internal Resistance (at 1KHz) Approx. 19 mΩ

Maximum Discharge Current for 5 seconds : 105A

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 : 2.1A

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

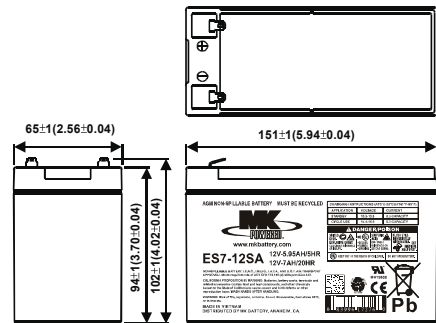
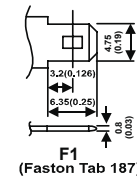
Case Material : ABS
(Option : UL94 HB Flame Retardant Case Material)

Terminal : F1

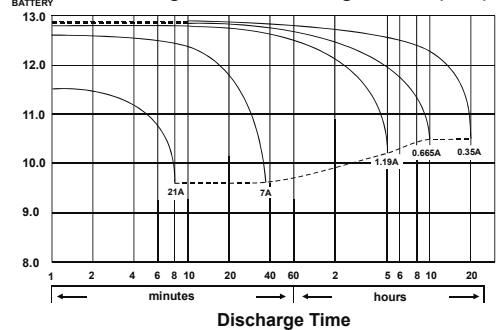
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



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



MK Battery

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