



ES7-12 T2

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.36A to 10.50V)	7.2Ah
10 hour rate (0.684A to 10.50V)	6.84Ah
5 hour rate (1.224A to 10.20V)	6.12Ah
1C (7.2A to 9.60V)	4.08Ah
3C (21.6A to 9.60V)	2.88Ah

Weight Approx. 5.28Lbs. (2.4kg)

Internal Resistance (at 1KHz) Approx. 22 mΩ

Maximum Discharge Current for 5 seconds : 108A

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
 Maximum Charging Current : 2.16A
 Coefficient -5.0mv / °C / cell

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

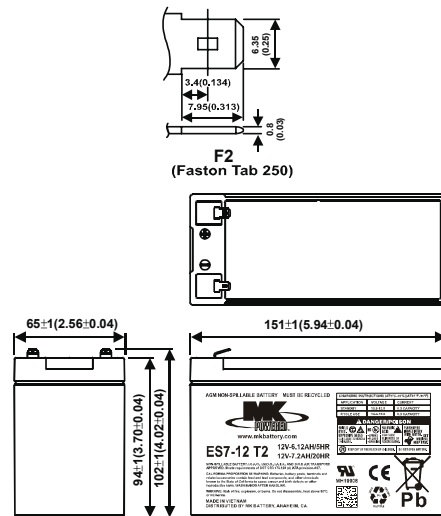
Case Material : ABS
 (Option : UL94 HB Flame Retardant Case Material)

Terminal : F2

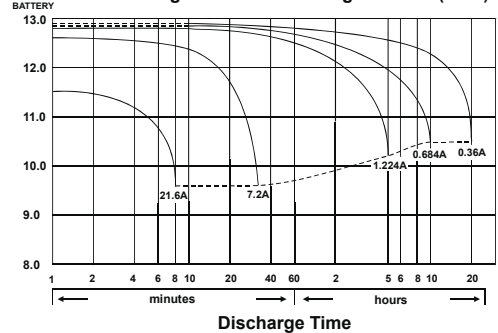
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



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



MK Battery

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