



ES14-12

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.7A to 10.50V)	14.0Ah
10 hour rate (1.33A to 10.50V)	13.3Ah
5 hour rate (2.38A to 10.20V)	11.9Ah
1C (14A to 9.60V)	8.87Ah
3C (42A to 9.60V)	5.6Ah

Weight Approx. 9.68Lbs. (4.4kg)

Internal Resistance (at 1KHz) Approx. 10 mΩ

Maximum Discharge Current for 5 seconds : 210A

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 : 4.2A
 Coefficient -5.0mv / °C / cell

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

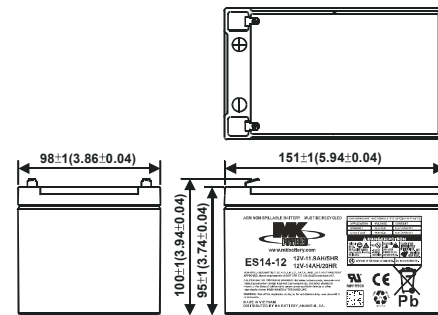
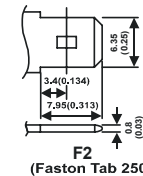
Case Material : ABS
 (Option : UL94 HB Flame Retardant Case Material)

Terminal : F2

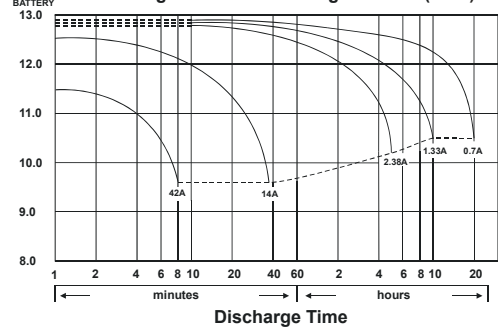
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



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



MK Battery

1631 South Sinclair Street • Anaheim, California 92806

Toll Free: 800-372-9253 • Fax: 714-937-0818 • E-mail: sales@mkbattery.com

