



ESO.8-12

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.04A to 10.50V)	0.8Ah
10 hour rate (0.076A to 10.50V)	0.76Ah
5 hour rate (0.136A to 10.20V)	0.68Ah
1C (0.8A to 9.60V)	0.453Ah
3C (2.4A to 9.60V)	0.32Ah

Weight Approx. 0.88Lbs. (400g)

Internal Resistance (at 1KHz) Approx. 125 mΩ

Maximum Discharge Current for 5 seconds : 12A

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 : 0.24A

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

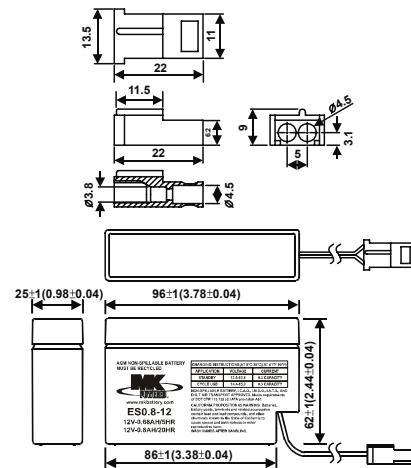
Case Material : ABS
(Option : UL94 HB Flame Retardant Case Material)

Terminal : WIRE

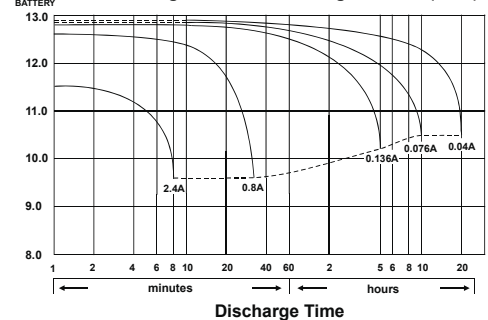
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



Discharge Time VS. Discharge Current (25°C)



MK Battery

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