



ES12-12TE

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

| | |
|----------------------------------|--------|
| 20 hour rate (0.6A to 10.50V) | 12Ah |
| 10 hour rate (1.14A to 10.50V) | 11.4Ah |
| 5 hour rate (2.04A to 10.20V) | 10.2Ah |
| 1C (12A to 9.60V) | 6.8Ah |
| 3C (36A to 9.60V) | 4.8Ah |

Weight Approx. 8.84Lbs. (4.02kg)

Internal Resistance (at 1KHz) Approx. 11 mΩ

Maximum Discharge Current for 5 seconds : 240A

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 : 3.6A

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

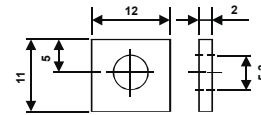
Case Material : ABS
(Option : UL94 HB Flame Retardant Case Material)

Terminal : F3

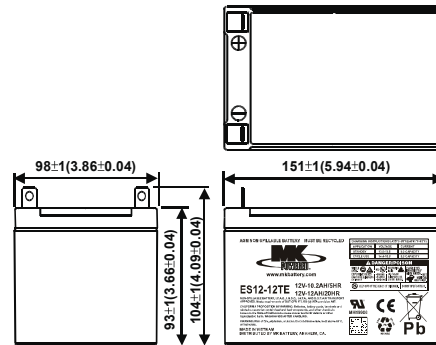
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



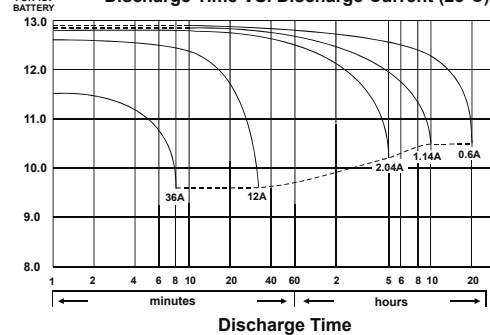
DIMENSIONS



F3
(M5 Bolts)



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



MK Battery

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