



# ES9-12TE

## SPECIFICATIONS

**Nominal Voltage (V)** 12V

### Nominal Capacity

|                                  |        |
|----------------------------------|--------|
| 15 min rate ( 216W to 9.60V )    | 54Wh   |
| 20 hour rate ( 0.45A to 10.50V ) | 9Ah    |
| 5 hour rate ( 1.53A to 10.20V )  | 7.65Ah |
| 1C ( 9A to 9.60V )               | 5.7Ah  |
| 3C ( 27A to 9.60V )              | 3.6Ah  |

**Weight** Approx. 5.94Lbs. (2.7kg)

**Internal Resistance (at 1KHz)** 14.5 mΩ

**Maximum Discharge Current for 5 seconds :** 180A

### 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 : 2.7A

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

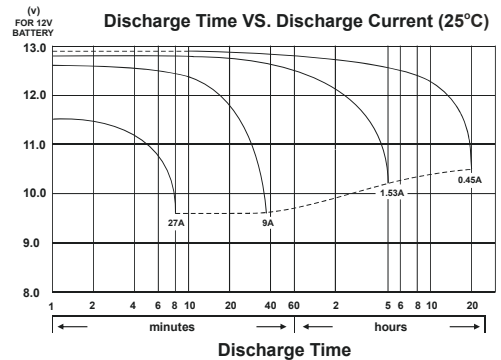
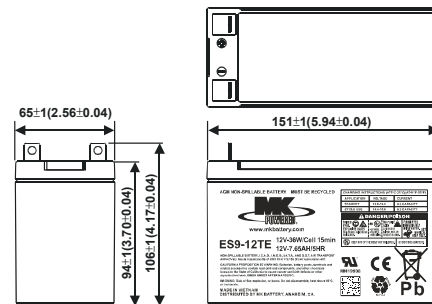
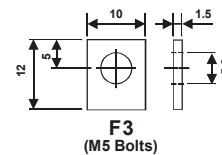
**Case Material :** ABS  
(Option : UL94 HB Flame Retardant Case/Cover)

**Terminal :** F3

## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



## MK Battery

1631 South Sinclair Street • Anaheim, California 92806

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

