



# ES7-12

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

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

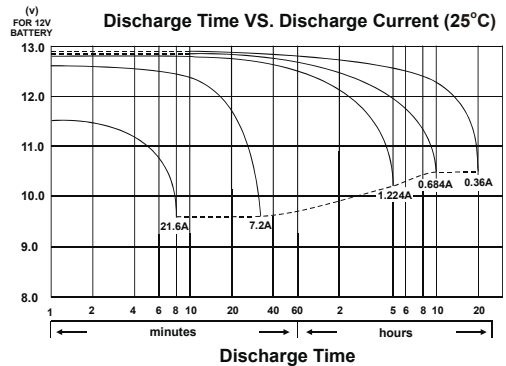
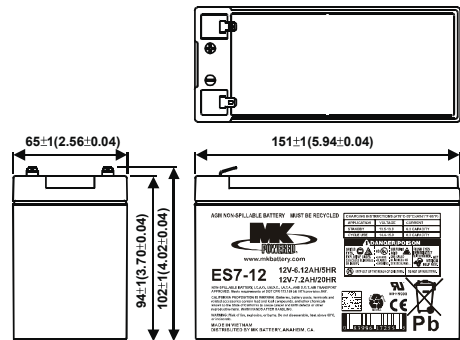
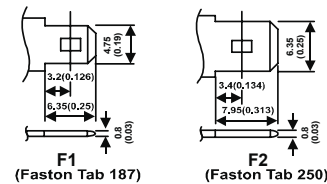
**Case Material :** ABS  
(Option : 94V-0 Flame Retardant Case Material)

**Terminal :** F1 (Faston Tab 187) or F2 (Faston Tab 250)

## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



## MK Battery

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