



# ES10-12S

## SPECIFICATIONS

**Nominal Voltage (V)** 12V

### Nominal Capacity

20 hour rate ( 0.5A to 10.50V )	10Ah
10 hour rate ( 0.95A to 10.50V )	9.5Ah
5 hour rate ( 1.7A to 10.20V )	8.5Ah
1C ( 10A to 9.60V )	5.67Ah
3C ( 30A to 9.60V )	4Ah

**Weight** Approx. 7.24Lbs. (3.29kg)

**Internal Resistance (at 1KHz)** Approx. 11 mΩ

**Maximum Discharge Current for 5 seconds :** 150A

### 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 : 3A

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

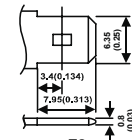
**Case Material :** ABS  
(Option : UL94 HB Flame Retardant Case Material)

**Terminal :** F2

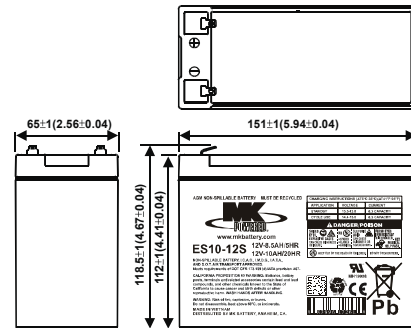
## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



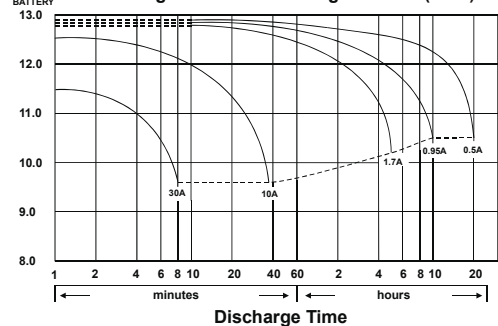
## DIMENSIONS



F2 (Faston Tab 250)



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



## MK Battery

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