



# ES1.2-12

## SPECIFICATIONS

Nominal Voltage (V) 12V

### Nominal Capacity

20 hour rate ( 0.06A to 10.50V )	1.2Ah
10 hour rate ( 0.114A to 10.50V )	1.14Ah
5 hour rate ( 0.204A to 10.20V )	1.02Ah
1C ( 1.2A to 9.60V )	0.68Ah
3C ( 3.6A to 9.60V )	0.48Ah

Weight Approx. 1.19Lbs. (0.54kg)

Internal Resistance (at 1KHz) Approx. 75.4 mΩ

Maximum Discharge Current for 5 seconds : 18A

### 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 : 0.36A

**Standby Use :** Float Charging Voltage 13.5 to 13.8V  
Coefficient -3.0mv / °C / cell

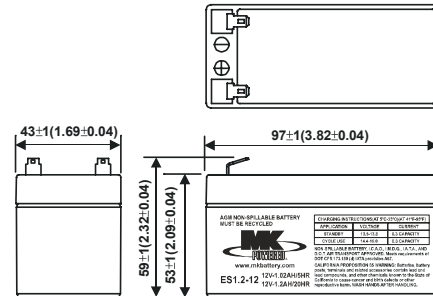
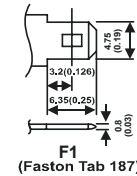
Case Material : ABS  
(Option : UL94 HB Flame Retardant Case Material)

Terminal : F1

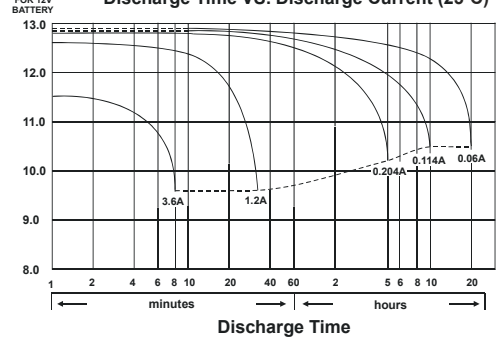
## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



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



## MK Battery

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