



# ES2.8-8

## SPECIFICATIONS

**Nominal Voltage (V)** 8V

### Nominal Capacity

20 hour rate ( 0.14A to 7.0V )	2.8Ah
10 hour rate ( 0.266A to 7.0V )	2.66Ah
5 hour rate ( 0.476A to 6.8V )	2.38Ah
1C ( 2.8A to 6.4V )	1.587Ah
3C ( 8.4A to 6.4V )	1.12Ah

**Weight** Approx. 1.83Lbs. (0.83kg)

**Internal Resistance (at 1KHz)** 19 mΩ

**Maximum Discharge Current for 5 seconds :** 42A

### 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 9.60 to 10.0V  
Coefficient -5.0mv / °C / cell  
Maximum Charging Current : 0.84A

**Standby Use :** Float Charging Voltage 9.00 to 9.20V  
Coefficient -3.0mv / °C / cell

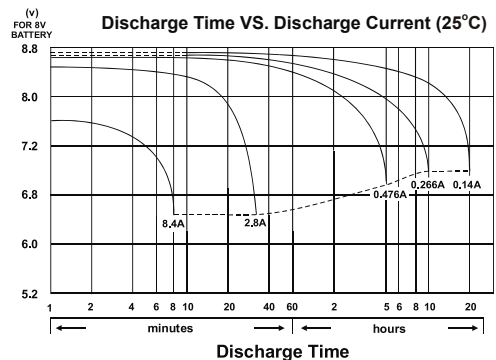
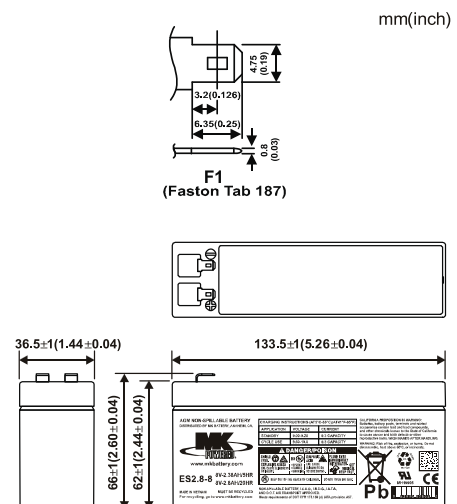
**Case Material :** ABS  
(Option : UL94 HB Flame Retardant Case Material)

**Terminal :** F1

## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



## MK Battery

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