



# ES6-2

## SPECIFICATIONS

**Nominal Voltage (V)** 2V

### Nominal Capacity

20 hour rate ( 0.3A to 1.75V )	6Ah
10 hour rate ( 0.57A to 1.75V )	5.7Ah
5 hour rate ( 1.02A to 1.7V )	5.1Ah
1C ( 6A to 1.6V )	3.4Ah
3C ( 18A to 1.6V )	2.4Ah

**Weight** Approx. 0.94Lbs. (427g)

**Internal Resistance (at 1KHz)** Approx. 4 mΩ

**Maximum Discharge Current for 5 seconds :** 90A

### 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 2.40 to 2.50V  
Coefficient -5.0mv / °C / cell  
Maximum Charging Current : 1.8A

**Standby Use :** Float Charging Voltage 2.25 to 2.3V  
Coefficient -3.0mv / °C / cell

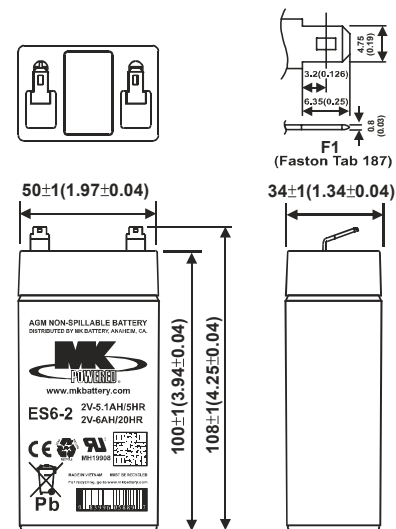
**Case Material :** ABS UL94 HB

**Terminal :** F1

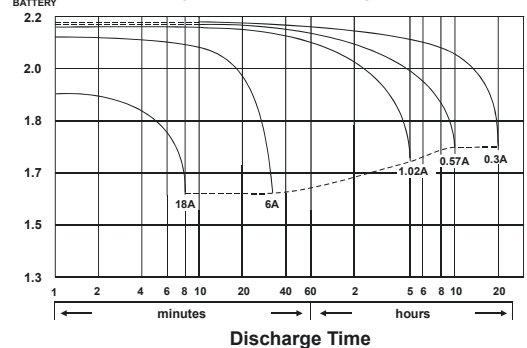
## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



(V) FOR 2V BATTERY Discharge Time VS. Discharge Current (25°C)



## MK Battery

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