



# ES4-6

## SPECIFICATIONS

**Nominal Voltage (V)** 6V

### Nominal Capacity

20 hour rate ( 0.225A to 5.25V )	4.5Ah
10 hour rate ( 0.428A to 5.25V )	4.275Ah
5 hour rate ( 0.765A to 5.1V )	3.825Ah
1C ( 4.5A to 4.80V )	2.55Ah
3C ( 13.5A to 4.80V )	1.8Ah

**Weight** Approx. 2.00Lbs. (0.91kg)

**Internal Resistance (at 1KHz)** Approx. 18 mΩ

**Maximum Discharge Current for 5 seconds :** 67.5A

### 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 7.20 to 7.50V  
Coefficient -5.0mv / °C / cell  
Maximum Charging Current : 1.35A

**Standby Use :** Float Charging Voltage 6.75 to 6.90V  
Coefficient -3.0mv / °C / cell

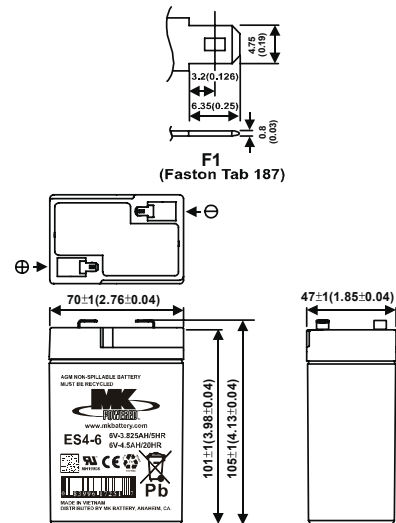
**Case Material :** ABS  
(Option : UL94 HB Flame Retardant Case Material)

**Terminal :** F1

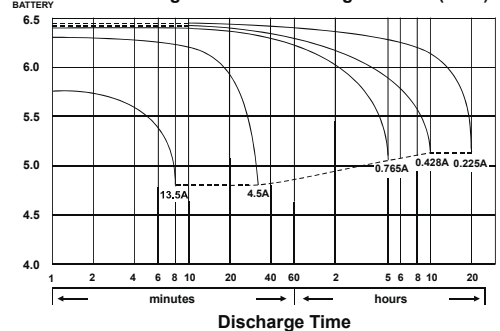
## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



(V) FOR 6V BATTERY Discharge Time VS. Discharge Current (25°C)



## MK Battery

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