



# ES8.2-6S

## SPECIFICATIONS

**Nominal Voltage (V)** 6V

### Nominal Capacity

20 hour rate ( 0.45A to 5.25V )	9Ah
10 hour rate ( 0.855A to 5.25V )	8.55Ah
5 hour rate ( 1.53A to 5.1V )	7.65Ah
1C ( 9A to 4.80V )	5.1Ah
3C ( 27A to 4.80V )	3.6Ah

**Weight** Approx. 3.74Lbs. (1.7kg)

**Internal Resistance (at 1KHz)** Approx. 10 mΩ

**Maximum Discharge Current for 5 seconds :** 135A

### 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  
 Maximum Charging Current : 2.7A  
 Coefficient -5.0mv / °C / cell

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

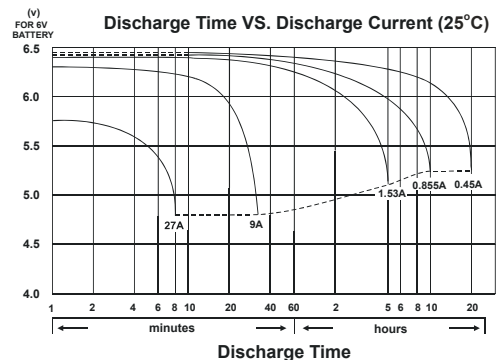
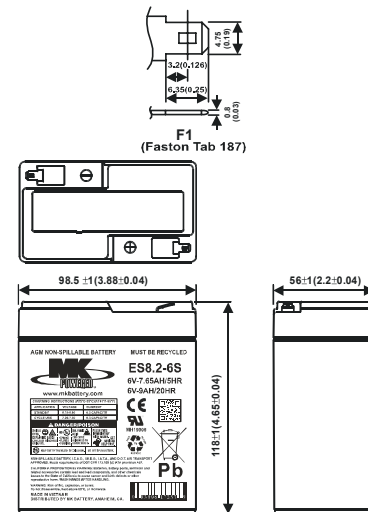
**Case Material :** ABS  
 (Option : UL94 HB Flame Retardant Case Material)

**Terminal :** F1

## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



## MK Battery

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