



# ES3-6H

## SPECIFICATIONS

Nominal Voltage (V) 6V

### Nominal Capacity

20 hour rate ( 0.15A to 5.25V )	3Ah
10 hour rate ( 0.285A to 5.25V )	2.85Ah
5 hour rate ( 0.51A to 5.1V )	2.55Ah
1C ( 3A to 4.80V )	1.7Ah
3C ( 9A to 4.80V )	1.2Ah

Weight Approx. 1.25Lbs. (570g)

Internal Resistance (at 1KHz) Approx. 22 mΩ

Maximum Discharge Current for 5 seconds : 45A

### 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 : 0.9A  
 Coefficient -5.0mv / °C / cell

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

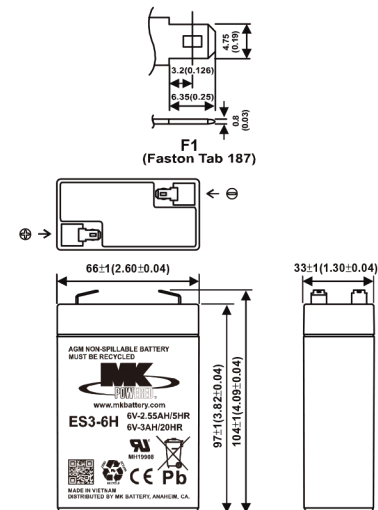
Case Material : ABS  
 (Option : UL94 HB Flame Retardant Case Material)

Terminal : F1

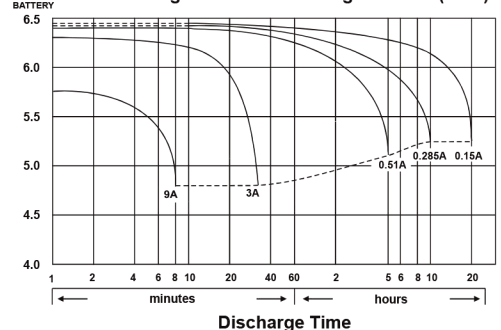
## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



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



Authorized Agent:



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