



# ES4-6

## SPECIFICATIONS

**Nominal Voltage (V)** 6V

### Nominal Capacity

20 hour rate ( 0.225A to 5.25V )	4.5Ah
10 hour rate ( 0.45A to 5.25V )	4.275Ah
5 hour rate ( 0.765A to 5.25V )	3.825Ah
1C ( 4.5A to 4.80V )	2.025Ah
3C ( 13.5A to 4.80V )	1.57Ah

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

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

**Maximum Discharge Current for 30 seconds :** 90A

**Maximum Discharge Current for 5 seconds :** 180A

### Operating Temperature Range

Charge	0°C (32°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 20°C ( 68°F )

**Cycle Use :** Charging Voltage 7.20 to 7.50V  
Maximum Charging Current : 1.35A

**Standby Use :** Float Charging Voltage 6.75 to 6.90V

### Life expectancy :

**Cycle Use :** 100% depth of discharge 200 cycles  
80% depth of discharge 225 cycles  
50% depth of discharge 500 cycles

**Standby Use :** 3-5 years

**Case Material :** ABS  
(Option : 94-HB & 94V-0 Flame Retardant Case Material)

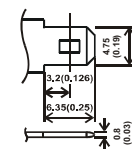
**Terminal :** F1

## Maintenance-Free Rechargeable Sealed Lead-Acid Battery

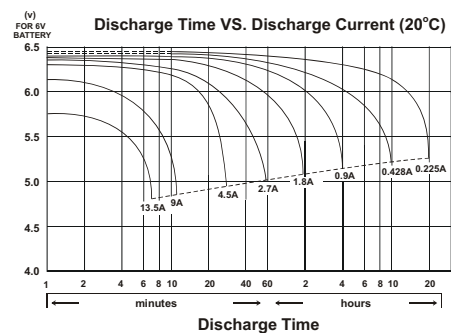
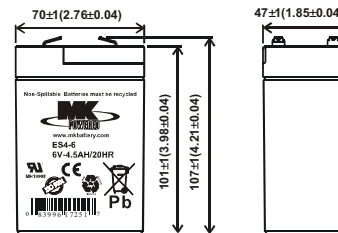
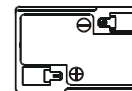


## DIMENSIONS

mm(inch)



F1 (FASTON TAB NO. 187)



## MK Battery

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