



# ES12-12

## SPECIFICATIONS

**Nominal Voltage (V)** 12V

### Nominal Capacity

20 hour rate ( 0.6A to 10.50V )	12Ah
10 hour rate ( 1.14A to 10.50V )	11.4Ah
5 hour rate ( 2.04A to 10.20V )	10.2Ah
1C ( 12A to 9.60V )	5.4Ah
3C ( 36A to 9.60V )	4.20Ah

**Weight** Approx. 8.40Lbs. (3.82kg)

**Internal Resistance (at 1KHz)** 13 mΩ

**Maximum Discharge Current for 30 seconds :** 240A

**Maximum Discharge Current for 5 seconds :** 480A

### 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 14.4 to 15.0V  
Maximum Charging Current : 3.6A

**Standby Use :** Float Charging Voltage 13.50 to 13.80V

### 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 :

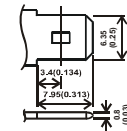
F2

## Maintenance-Free Rechargeable Sealed Lead-Acid Battery

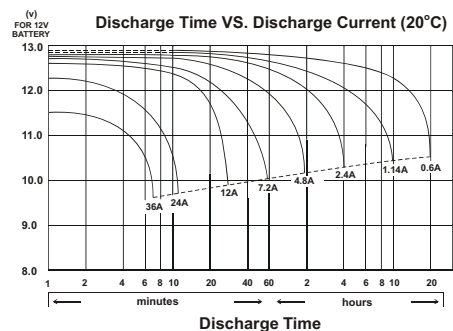
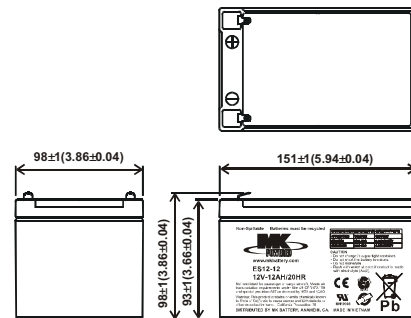


## DIMENSIONS

mm(inch)



F2  
(FASTON TAB NO. 250)



## MK Battery

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