



# ES1.2-12

## SPECIFICATIONS

**Nominal Voltage (V)** 12V

### Nominal Capacity

20 hour rate ( 0.06A to 10.50V )	1.2Ah
10 hour rate ( 0.12A to 10.50V )	1.14Ah
5 hour rate ( 0.204A to 10.20V )	1.02Ah
1C ( 1.2A to 9.60V )	.54Ah
3C ( 3.6A to 9.60V )	.42Ah

**Weight** Approx. 1.32Lbs. (0.60kg)

**Internal Resistance (at 1KHz)** 78 mΩ

**Maximum Discharge Current for 30 seconds :** 24A

**Maximum Discharge Current for 5 seconds :** 48A

### 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 : 0.36A

**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 :

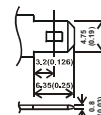
F1

## Maintenance-Free Rechargeable Sealed Lead-Acid Battery

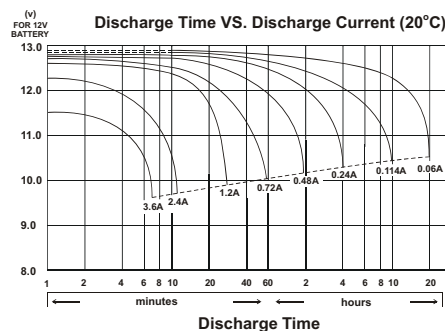
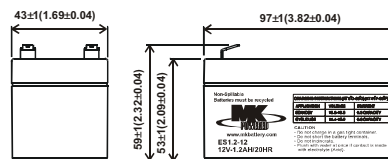


## DIMENSIONS

mm(inch)



F1  
(FASTON TAB NO. 187)



## MK Battery

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