



ES5-12

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.25A to 10.50V)	5Ah
10 hour rate (0.5A to 10.50V)	4.75Ah
5 hour rate (0.85A to 10.20V)	4.25Ah
1C (5A to 9.60V)	2.25Ah
3C (15A to 9.60V)	1.75Ah

Weight Approx. 4.04Lbs. (1.83kg)

Internal Resistance (at 1KHz) 19 mΩ

Maximum Discharge Current for 30 seconds : 100A

Maximum Discharge Current for 5 seconds : 200A

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 : 1.5A

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 :

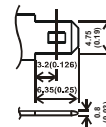
F1 or F2

Maintenance-Free Rechargeable Sealed Lead-Acid Battery

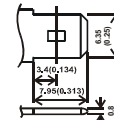


DIMENSIONS

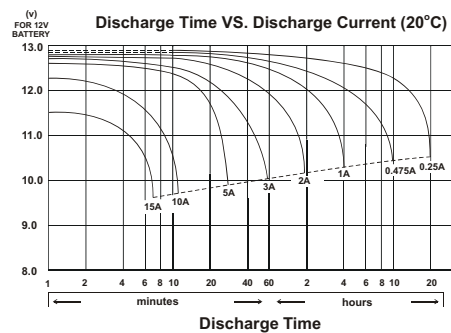
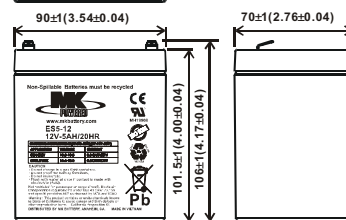
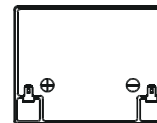
mm(inch)



F1
(FASTON TAB NO. 187)



F2
(FASTON TAB NO. 250)



MK Battery

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