



ES7-12

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.36A to 10.50V)	7.2Ah
10 hour rate (0.72A to 10.50V)	6.84Ah
5 hour rate (1.22A to 10.20V)	6.12Ah
1C (7.2A to 9.60V)	3.24Ah
3C (21.6A to 9.60V)	2.52Ah

Weight Approx. 5.39Lbs. (2.45kg)

Internal Resistance (at 1KHz) 22 mΩ

Maximum Discharge Current for 30 seconds : 144A

Maximum Discharge Current for 5 seconds : 288A

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 : 2.16A

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 :

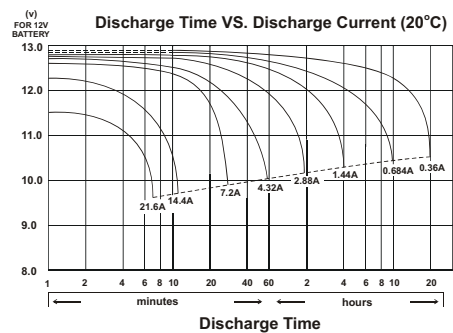
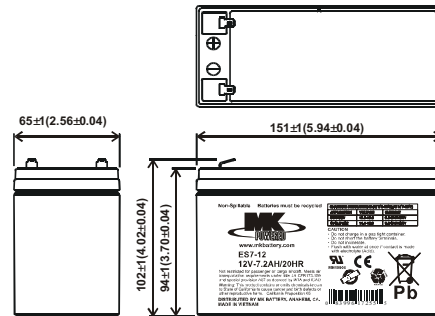
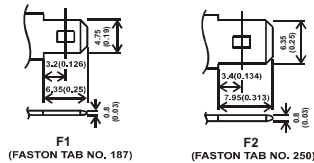
F1 or F2

Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS

mm(inch)



MK Battery

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