



ES3-12

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.15A to 10.50V)	3Ah
10 hour rate (0.3A to 10.50V)	2.85Ah
5 hour rate (0.51A to 10.20V)	2.55Ah
1C (3A to 9.60V)	1.35Ah
3C (9A to 9.60V)	1.08Ah

Weight Approx. 3.02Lbs. (1.37kg)

Internal Resistance (at 1KHz) 34 mΩ

Maximum Discharge Current for 30 seconds : 60A

Maximum Discharge Current for 5 seconds : 120A

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 : 0.9A

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)

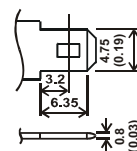
Terminal : F1

Maintenance-Free Rechargeable Sealed Lead-Acid Battery

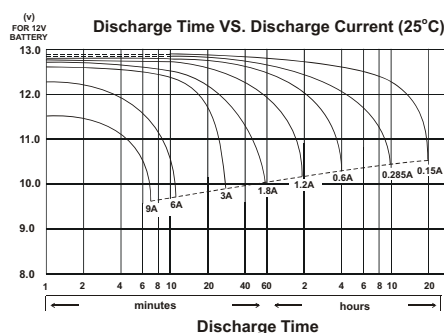
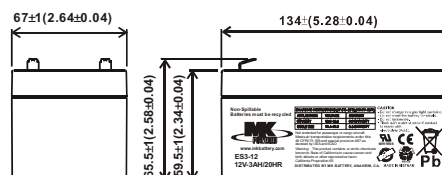


DIMENSIONS

mm(inch)



F1
(FASTON TAB NO. 187)



MK Battery

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