



ES9-4

SPECIFICATIONS

Nominal Voltage (V) 4V

Nominal Capacity

20 hour rate (0.45A to 3.50V)	9Ah
10 hour rate (0.9A to 3.50V)	8.55Ah
5 hour rate (1.53A to 3.50V)	7.65Ah
1C (9A to 3.20V)	4.05Ah
3C (27A to 3.20V)	3.15Ah

Weight Approx. 2.62Lbs. (1.19kg)

Internal Resistance (at 1KHz) 6 mΩ

Maximum Discharge Current for 30 seconds : 180A

Maximum Discharge Current for 5 seconds : 360A

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 4.80 to 5.00V
Maximum Charging Current : 2.7A

Standby Use : Float Charging Voltage 4.50 to 4.60V

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)

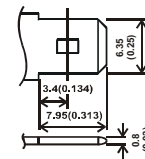
Terminal : F2

Maintenance-Free Rechargeable Sealed Lead-Acid Battery

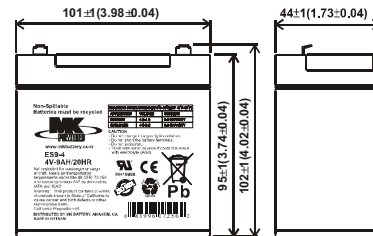


DIMENSIONS

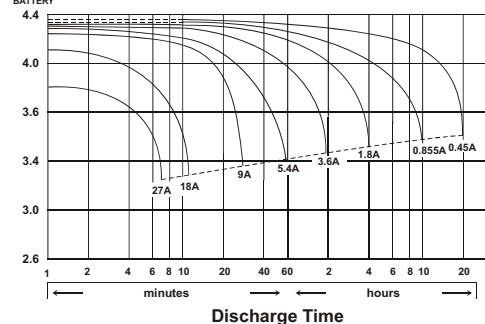
mm(inch)



F2
(FASTON TAB NO. 250)



(V) FOR 4V BATTERY
Discharge Time VS. Discharge Current (20°C)



MK Battery

1631 South Sinclair Street • Anaheim, California 92806

Toll Free: 800-372-9253 • Fax: 714-937-0818 • E-mail: sales@mkbattery.com

