



North American Headquarters
601 Rayovac Drive
Madison, WI 53711
Telephone 1-800-331-4522
Internet www.rayovac.com

Marketing Data Sheet - Batteries
S6600175
Issue T

Rayovac Stock Number: **824, 824 BULK, 824 OEM**

Name: **824 (AAA) Alkaline**

Engineering Parameters:

Cell Chemistry:

Alkaline Manganese Dioxide

Designation:

ANSI/NEDA – 24A (AA), IEC – LR03

Nominal Voltage:

1.5 volts

Approximate Weight:

0.4 Oz (12 grams)

Approximate Volume:

0.2 CU IN (3.3 cc)

Operating Temp. Range:

-30° C to 55° C (-20° F to 130° F)

Terminals: Flashlight

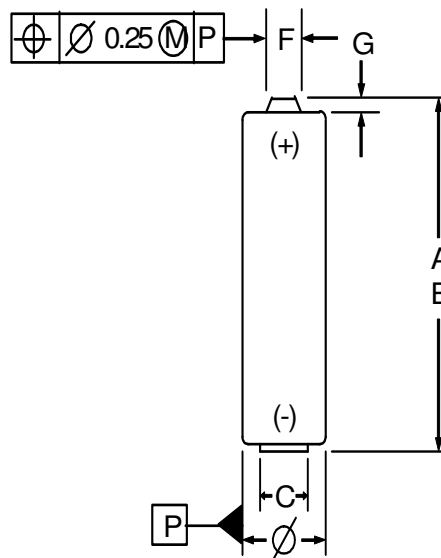
Shell: Plastic

Environmental:

Meets Environmental Protection Agency (EPA)
Requirements For Landfill Disposal.

No Mercury Added Formulation

[Rayovac Material Safety Sheets](#)



Dimensions	Millimeters	Inches
A (Max)	44.5	1.752
B (Min)	43.5	1.713
C (Min)	4.3	0.169
F (Max)	3.8	0.150
G (Min)	0.8	0.031
Ø (Max)	10.5	0.413
Ø (Min)	9.5	0.374

Service life guidelines and representative discharge curves are shown on the following page.

Typical Initial Service Life

Application and Duty Cycle	Discharge Load	Midpoint Current (mA @ 1.2V)	Cut-off Voltage	Service	Units	Discharge Capacity
Photo Flash 10 sec/min 1 h/day	600 mA	600	0.9	410	pulses	683
Lighting 4 min/hr, 8hr/day	5.1 Ω	227	0.9	4.3	hours	976
Toy 1 hr/day	5.1 Ω	223	0.8	4.1	hours	914
Tape / Audio 1 hr/day	100 mA	100	0.9	10.5	hours	1050
Remote 15 sec/min 8 hr/day	24 Ω	53	1.0	21.5	hours	1141
Radio 4 hrs/day	75 Ω	17	0.9	70.2	hours	1200

