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Marketing Data Sheet - Batteries

S6600XXX
 Issue A
 Memo No:

Rayovac Stock Number: 824-HE

Name: AAA Alkaline "Advanced High Energy"

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)

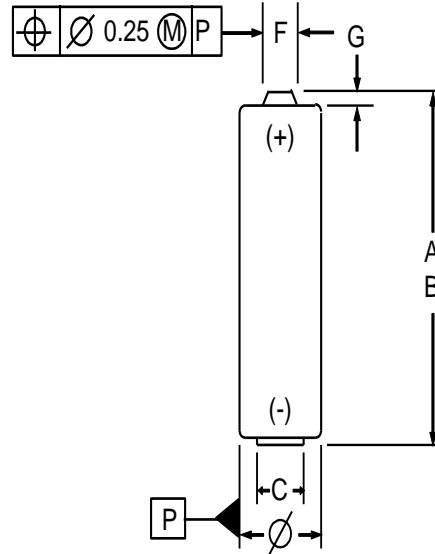
Terminals: Flashlight

Shell: Plastic

Environmental:

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

No Mercury Added Formulation
[Rayovac Material Safety Sheets](#)



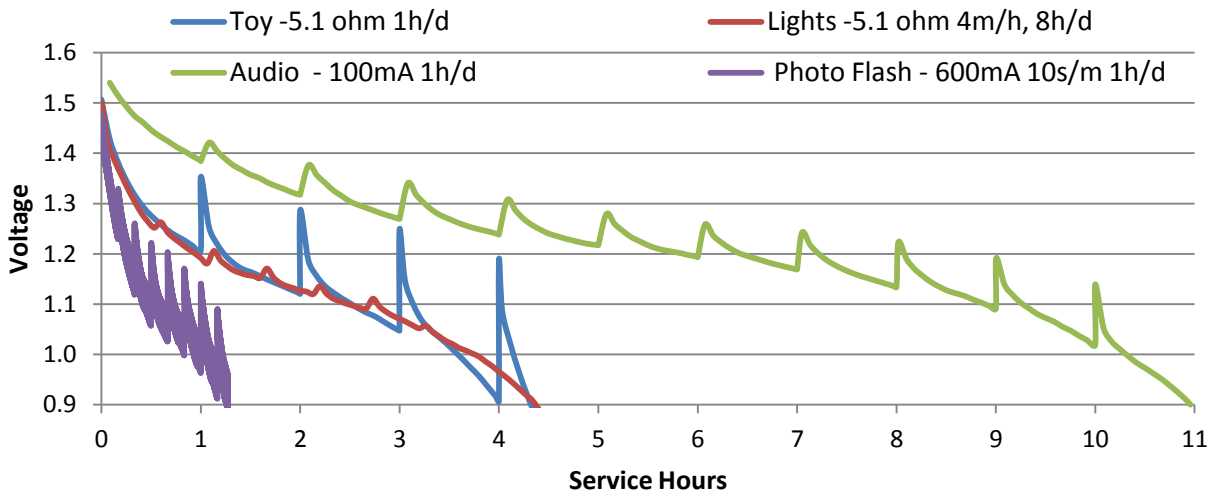
Dimensions	Millimeters	Inches
A (Max)	44.5	1.752
B (Min)	43.5	1.713
C (Min)	4.3	0.169
F (Max)	3.8	0.150
G (Min)	0.8	0.031
∅ (Max)	10.5	0.413
∅ (Min)	9.5	0.374

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

Typical Initial Service Life, ANSI and IEC Application Tests

Application and Duty Cycle	Discharge Load	Midpoint Current (mA @ 1.2V)	Cut-off Voltage	Service	Units	Discharge Capacity (mAh)
Photo Flash 10 sec/min 1 h/day	600 mA	600	0.9	440	pulses	800
Lighting 4 min/hr, 8hr/day	5.1 Ω	227	0.9	4.4	hours	1000
Toy 1 hr/day	5.1 Ω	223	0.8	4.3	hours	980
Tape / Audio 1 hr/day	100 mA	100	0.9	10.8	hours	1080
Remote 15 sec/min 8 hr/day	24 Ω	53	1.0	22.1	hours	1170
Radio 4 hrs/day	75 Ω	17	0.9	73.5	hours	1250

Typical Discharge Characteristics, ANSI/IEC Application Tests



Typical Discharge Characteristics, ANSI/IEC Application Tests

