



North American Headquarters  
 601 Rayovac Drive  
 Madison, WI 53711  
 Telephone 1-800-331-4522  
 Internet [www.rayovac.com](http://www.rayovac.com)

Marketing Data Sheet - Batteries

S6600174  
 Issue W  
 Memo No:

Rayovac Stock Number: **815, 815 BULK, 815 OEM**

Name: **815 (AA) Alkaline**

**Engineering Parameters:**

**Cell Chemistry:**

Alkaline Manganese Dioxide

**Designation:**

ANSI/NEDA – 15A (AA), IEC – LR6

**Nominal Voltage:**

1.5 volts

**Approximate Weight:**

0.8 Oz (24 grams)

**Approximate Volume:**

0.48 CU IN (7.87 CU CM)

**Operating Temp. Range:**

-30° C to 55° C (-20° F to 130° F)

**Terminals:** Flashlight

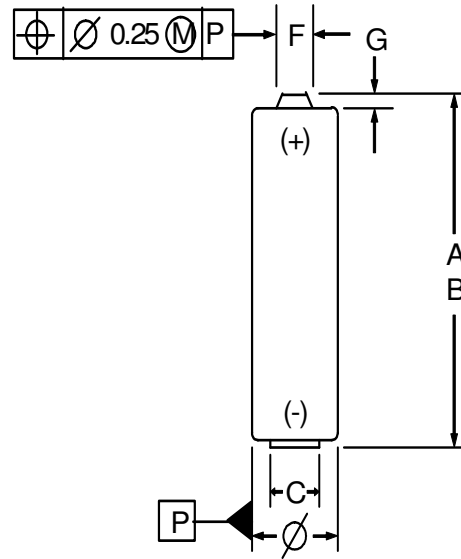
**Shell:** Plastic

**Environmental:**

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

No Mercury Added Formulation

[Rayovac Material Safety Sheets](#)



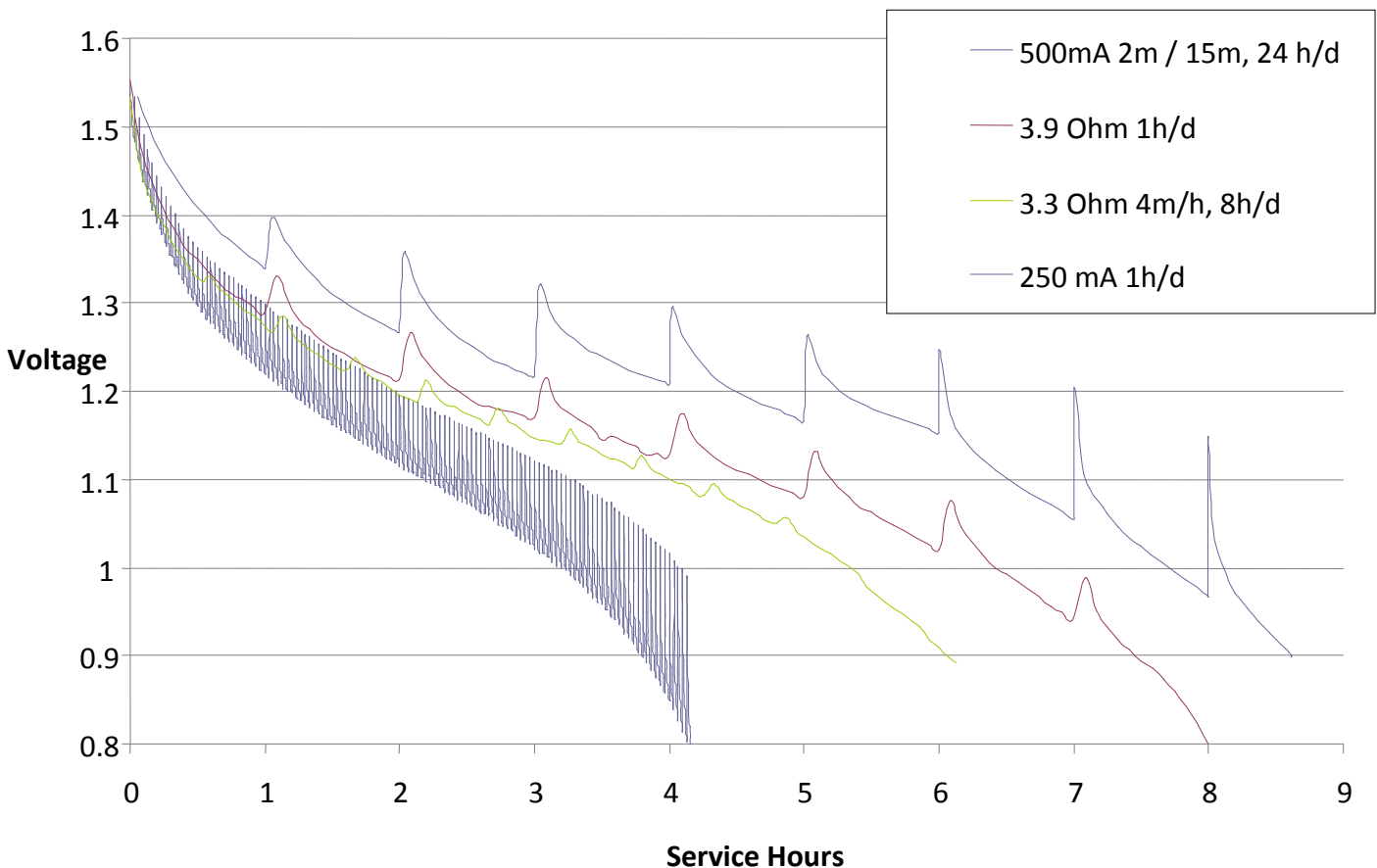
Dimensions	Millimeters	Inches
A (Max)	50.5	1.988
B (Min)	49.5	1.949
C (Min)	7.0	0.276
F (Max)	5.5	0.217
G (Min)	1.0	0.039
∅ (Max)	14.5	0.571
∅ (Min)	13.5	0.531

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

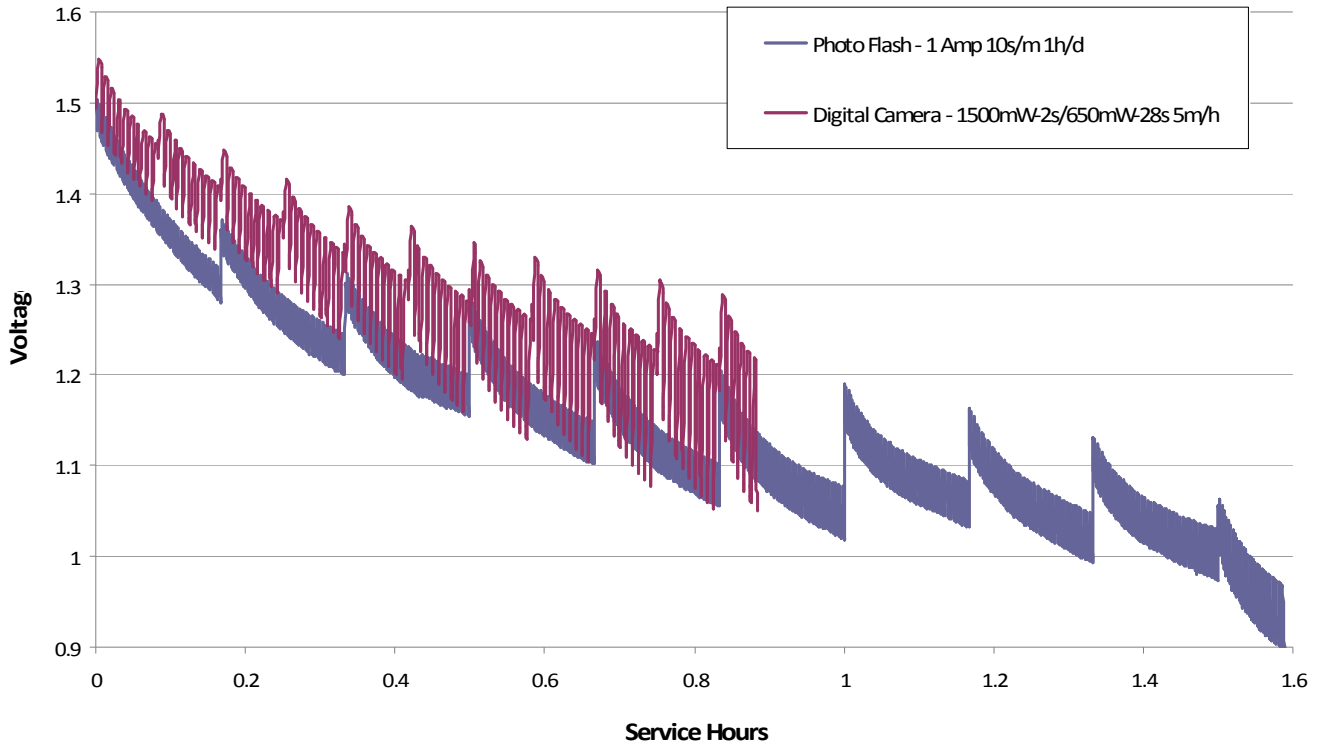
## Typical Initial Service Life

Application and Duty Cycle	Discharge Load	Midpoint Current (mA)	Cut-off Voltage	Service	Units	Discharge Capacity (mAh)
<b>Digital Camera</b> (2 sec Load 1, 28 sec Load 2) 5 min/hr	Load 1: 1.5W Load 2: 0.65W	Variable	1.05	106	pulses	930
<b>Photo Flash</b> 10 sec/min 1 h/day	1000 mA	1000	0.9	510	pulses	1389
<b>Toothbrush</b> 2 min/15min	500 mA	510	0.8	4.1	hours	2050
<b>Lighting</b> 4 min/hr, 8hr/day	3.3 Ω	363	0.9	6.1	hours	2100
<b>Toy</b> 1 hr/day	3.9 Ω	290	0.8	8.0	hours	2317
<b>CD / Games</b> 1 hr/day	250 mA	250	0.9	8.6	hours	2150
<b>Tape / Audio</b> 1 hr/day	100 mA	100	0.9	25.0	hours	2500
<b>Remote</b> 15 sec/min 8 hr/day	24 Ω	50	1.0	49.5	hours	2660
<b>Radio</b> 4 hrs/day	43 Ω	28	0.9	93.5	hours	2790

## Typical Discharge Characteristics at 21C (70F)



### Typical Discharge Characteristics at 21C (70F) - Camera Applications



### Typical Discharge Characteristics at 21C (70F)

