



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

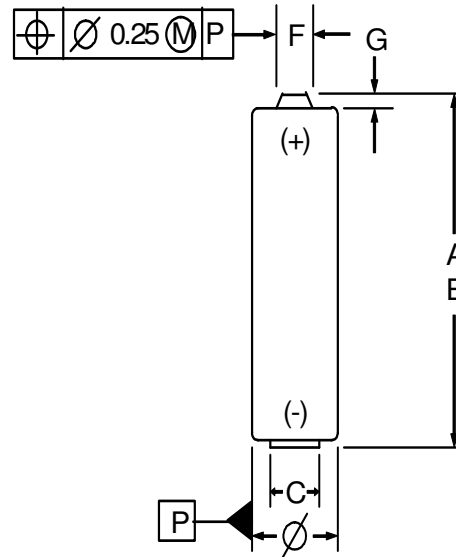
Shell: Plastic

Environmental:

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

No Mercury Added Formulation

[Rayovac Material Safety Sheets](#)



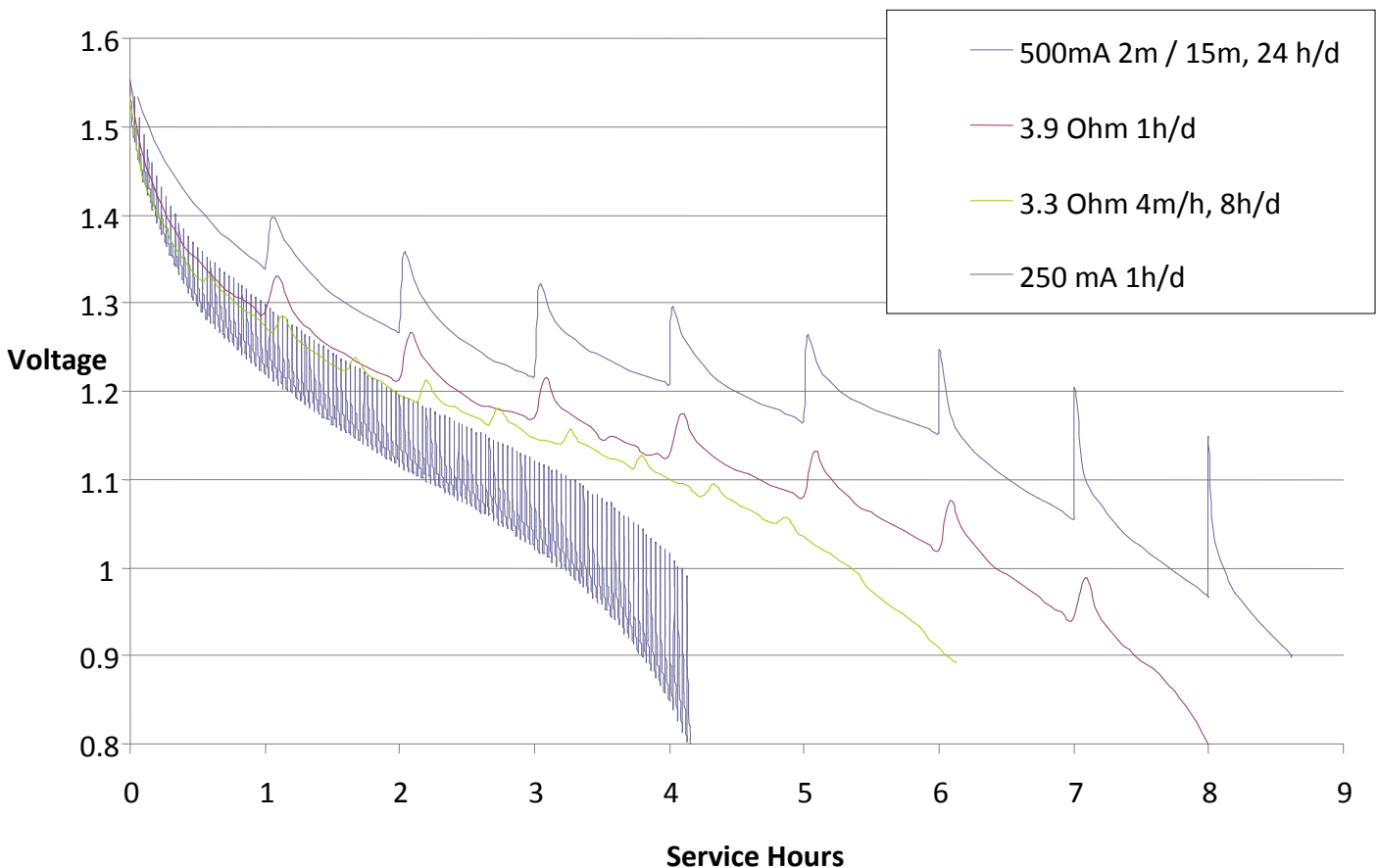
| Dimensions | Millimeters | Inches |
|------------|-------------|--------|
| A (Max) | 50.5 | 1.988 |
| B (Min) | 49.5 | 1.949 |
| C (Min) | 7.0 | 0.276 |
| F (Max) | 5.5 | 0.217 |
| G (Min) | 1.0 | 0.039 |
| ∅ (Max) | 14.5 | 0.571 |
| ∅ (Min) | 13.5 | 0.531 |

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

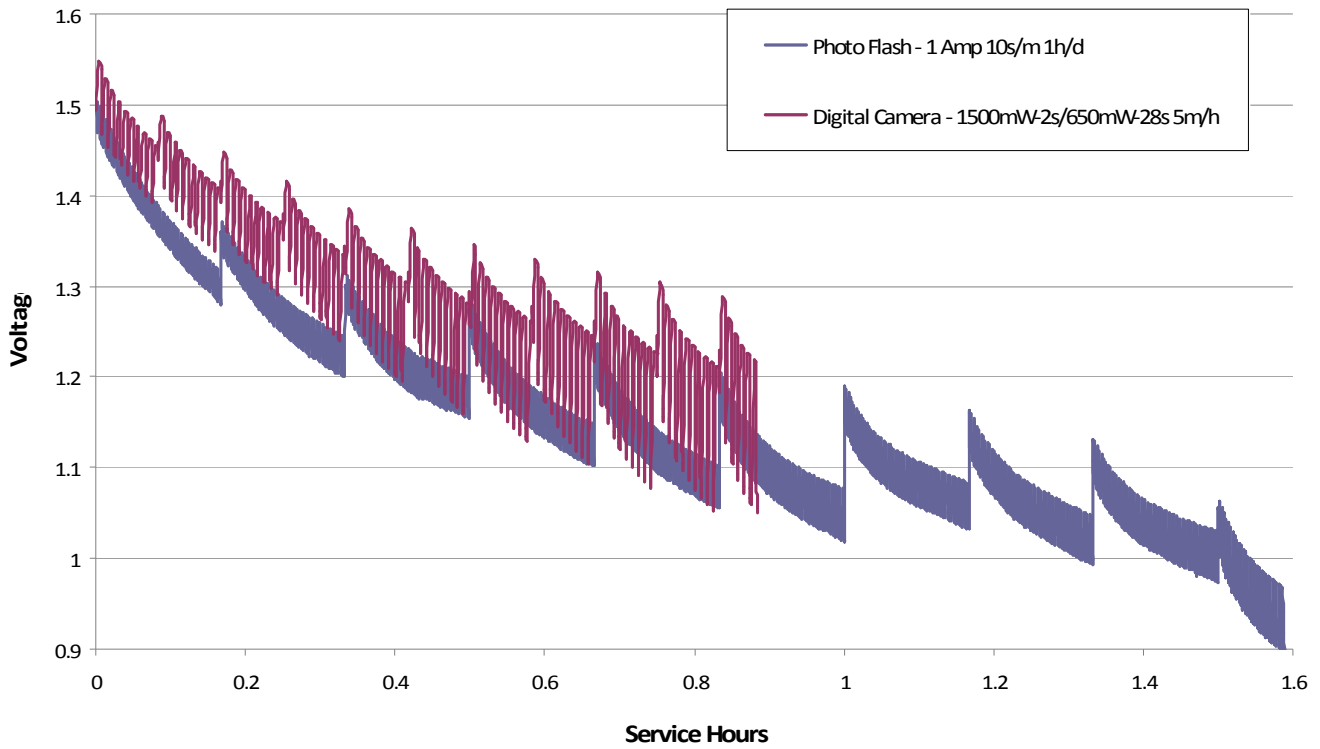
Typical Initial Service Life

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

