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Marketing Data Sheet - Batteries
 S6600147
 Issue E
 Memo No: 19481

Rayovac Stock Number: **HD-AA**

Name: **HD-AA (AA) HEAVY DUTY INDUSTRIAL CARBON ZINC**

ENGINEERING DATA:

Cell Chemistry: Carbon Zinc

Designation: ANSI/NEDA – 15D (AA), IEC – R6

Nominal Voltage: 1.5 volts

Approximate Weight: .65 Oz (18.4 grams)

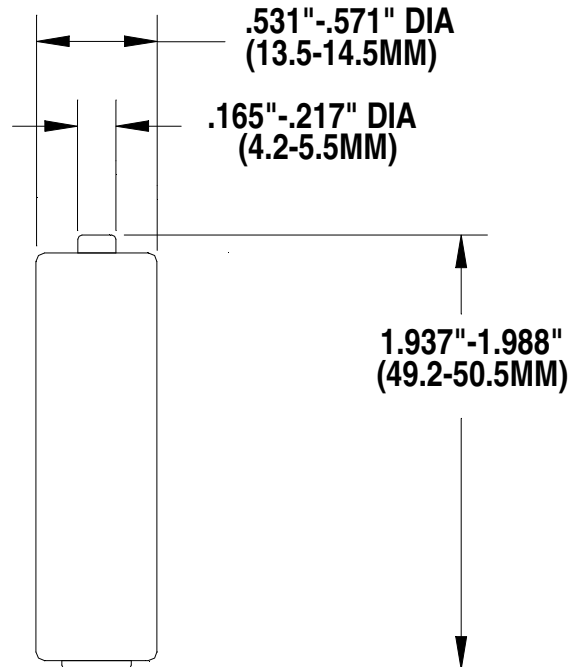
Approximate Volume: .48 CU IN (7.87 CU CM)

Operating Temp. Range: -30° C to 55° C (-20° F to 130° F)

Terminals: Flashlight

Shell: Steel or Plastic

Environmental: Meets Environmental Protection Agency (EPA) Requirements For Landfill Disposal.
 No Mercury Added Formulation
[Rayovac Material Safety Data Sheets](#)



TYPICAL INITIAL SERVICE AT 70°F (HOURS)

Application	Discharge Load	Duty Cycle	Midpoint Current (mA @ 1.2V)	Cut-off Voltage	Service	Units	Discharge Capacity @ Cut-off Voltage (mAh)
Photoflash	1.8 Ω	15 sec/min, 24 hr/day	667	0.9	186	pulses	467
Lighting	3.3 Ω	4 min/hr, 8hr/day	364	0.9	2.18	hours	720
Toy	3.9 Ω	1 hr/day	308	0.8	2.58	hours	708
Release	3.9 Ω	24 hr/day	308	0.9	1.77	hours	507
CD / Games	250 mA	1 hr/day	187	0.9	2.48	hours	621
Tape / Audio	10 Ω	1 hr/day	120	0.9	7.23	hours	860
Tape / Audio	100 mA	1 hr/day	75	0.9	8.70	hours	870
Remote	24 Ω	15 sec/min 8 hr/day	50	1.0	17.40	hours	928
Radio	43 Ω	4 hrs/day	28	0.9	33.60	hours	980

540572, 540642, 540827

This data is subject to change. Performance information is typical. Contents herein do not constitute a warranty.