



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

Marketing Data Sheet - Batteries

S6600184
Issue R
Memo No: MDSR0104

Rayovac Stock Number: **A1604**

Name: **9 VOLT ALKALINE**

ENGINEERING DATA:

Cell Chemistry: Alkaline

Designation: ANSI/NEDA – 1604A , IEC – 6LR61

Nominal Voltage: 9 volts

Approximate Weight: 1.6 Oz (45.4 grams)

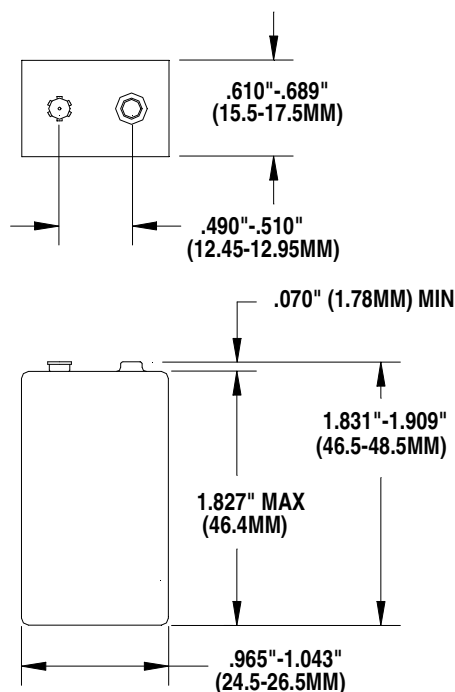
Approximate Volume: 1.2 CU IN (19.7 CU CM)

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

Terminals: Snap

Jacket: Steel

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



Dimensions shown are
ANSI/IEC standards

TYPICAL INITIAL SERVICE AT 70°F (HOURS) CUTOFF VOLTAGE

APPLICATION DUTY CYCLE	LOAD (OHMS)	CURRENT (MA at 7.2V)	7.8V	7.2V	6.6V	6.0V	5.4V	4.8V	mAh CAPACITY To 4.8V
RADIO (2 HR/DAY)	620	11.6	13	32	39	45	49	52	614
TOY/GAME (1 HR/DAY)	270	26.7	4	11	17	19	21	23	600
CALCULATOR (30 MIN/DAY)	180	40	1.7	5	10	12	13	15	556
SMOKE DETECTOR (ACCELERATED)	43K BACKGROUND WITH 620 OHM PULSE 1 SEC/HR		2191 HOURS (91 DAYS TO 7.5V)						424 TO 7.5V

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