



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

Marketing Data Sheet - Batteries

S6600345

Issue B

Memo No: [MDSR0104](#)

Rayovac Stock Number: **RDL6AA**

Name: **Hotel Door Lock Battery Pack,
6 AA Alkaline**

ENGINEERING DATA:

Cell Chemistry: Alkaline

Designation: ANSI/NEDA – None

Nominal Voltage: 9 volts

Approximate Weight: 6.2 Oz (174 grams)

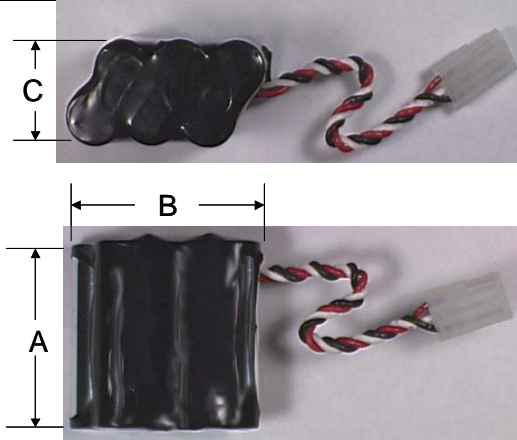
Approximate Volume: 4.1 CU IN (68 CU CM)

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

Terminals: Quick Connector Molex part #s 03-06-1032 (shell) & 02-06-1103-C (pins), or equivalent
Black Wire – Negative
Red Wire - Positive 9 Volts
White Wire – Positive 4.5 Volts

Shell: Plastic Heat Shrink

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



DIMENSIONS

| | mm | in |
|-------------|-----------|-------------|
| A** | 50.0-50.9 | 1.969-2.004 |
| B*** | 49.5-49.9 | 1.949-1.965 |
| C*** | 26.3-26.8 | 1.035-1.055 |
| WIRE LENGTH | 87.0-94.0 | 3.425-3.701 |

* excluding connector
** includes all components (over-wrap, wire, etc)
*** measured at center of battery pack

Hours of Service to Cutoff Voltage (70°F)

| APPLICATION DUTY CYCLE | LOAD (mA or Ohms) | CURRENT (mA at 1.2V) | VOLTAGE | | mAh CAPACITY To Cut-off |
|-----------------------------------|-------------------|----------------------|---------|------------|-------------------------|
| | | | 4.0V | 3.6V | |
| UNLOCK PULSE (10 SEC/MIN) | 1000 mA | 1000 | | 355 Pulses | 982 |
| LOCK TEST (15 SEC/MIN – 8 HR/DAY) | 144 OHM | 50 | 46 | | 2,340 |
| RADIO/ MONITOR 4 HR/DAY | 258 OHM | 28 | | 86 | 2,408 |

This battery meets the instantaneous loaded voltage test, required for smooth operation of many hotel door locks.

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