



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

S6600479  
Issue A  
Memo No: 16085

Rayovac Stock Number: **312CH**

Name: **312 High Power Zinc Air**

### **ENGINEERING DATA:**

**Cell Chemistry:** Zinc Air

**Designation:** ANSI/NEDA – 7002ZD, IEC – PR41

**Recommended Use:** High Power or Wireless Hearing Aids

**Nominal Voltage:** 1.4 volts

**Approximate Weight:** .53 grams (.02 oz)

**Approximate Volume:** .17 cm<sup>3</sup> (.01 in<sup>3</sup>)

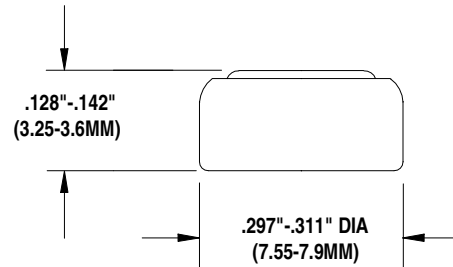
**High Drain Pulse:** 85 hours – 2 mA background,  
10 mA 100 ms pulse,  
at 70°F (21°C) and 50% RH  
once / 2 hours 12 hours/day to 1.05 volts.

**High Power Test:** 25 hours – 220 ohm continuous  
discharge at 70° F (21° C) and 50% RH  
to 0.9 volts.

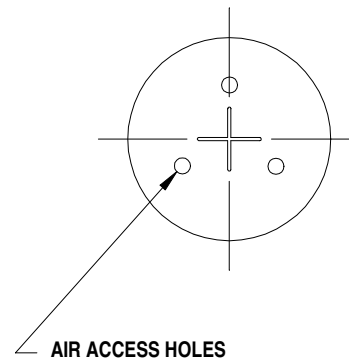
**Storage Loss at 70°F (21°C):** Less than 5% in one year  
with tab applied.

**Environmental:** Zinc Air batteries pose no threat to the  
Environment. They pass the U.S. Environmental  
Protection Agency's toxicity tests for Mercury,  
Cadmium and Lead.  
[Rayovac Material Safety Data Sheets](#)

**Activation And Use:** Remove and discard plastic tab covering  
air holes. Allow battery to stand for one  
minute to insure proper activation. Battery  
compartment must allow adequate oxygen  
supply to reach air holes.



DIMENSIONS SHOWN ARE ANSI/IEC STANDARDS.  
FOR ENGINEERING TOLERANCES CONTACT RAYOVAC.



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