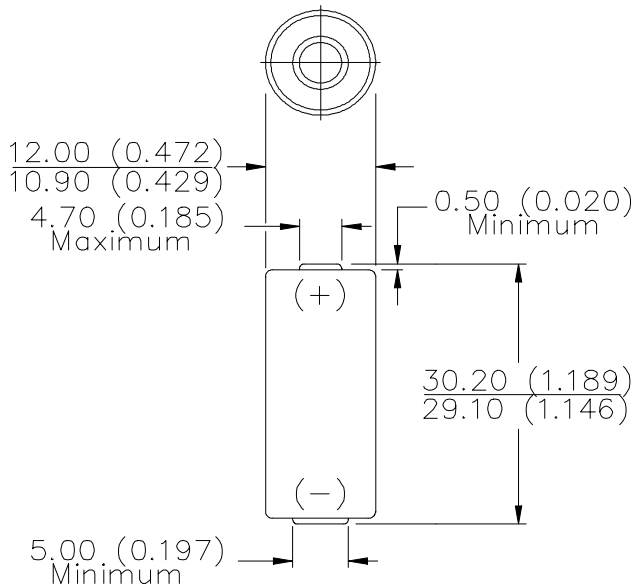


## ENERGIZER NO. E90

**N**



Industry Standard Dimensions in mm (inches)



**Chemical System:** Alkaline  
 Zinc-Manganese Dioxide (Zn/MnO<sub>2</sub>)  
 (No Added Mercury or Cadmium)

**Designation:** ANSI-910A, IEC-LR1

**Battery Voltage:** 1.5 Volts

**Operating Temp:** -18°C to 55°C (0°F to 130°F)

**Average Capacity:** 1,000 mAh (to 0.8 volts)  
 (Rated capacity at 25 mA continuous drain)

**Average Weight:** 9.0 grams (0.3 oz.)

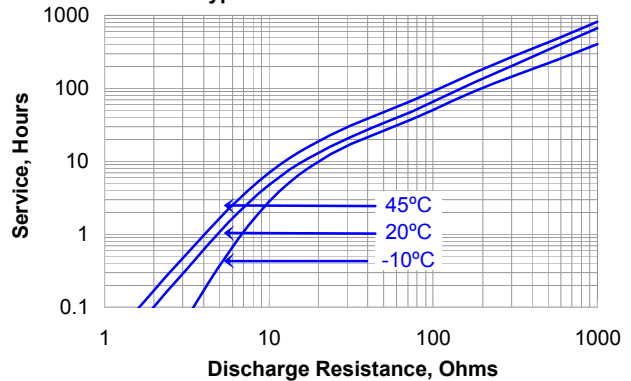
**Volume:** 3.3 cubic centimeters (0.2 cubic inch)

**Cell:** One No. 3-0411 (size 'N')

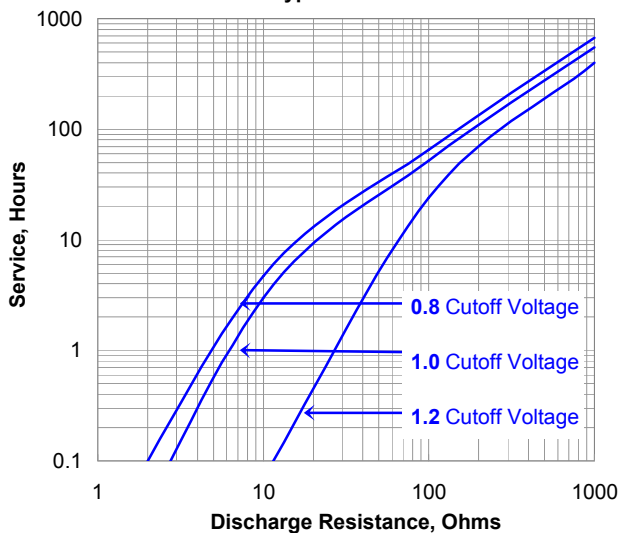
**Jacket:** Plastic Label

**Shelf Life:** 7 years (80% of rated capacity)

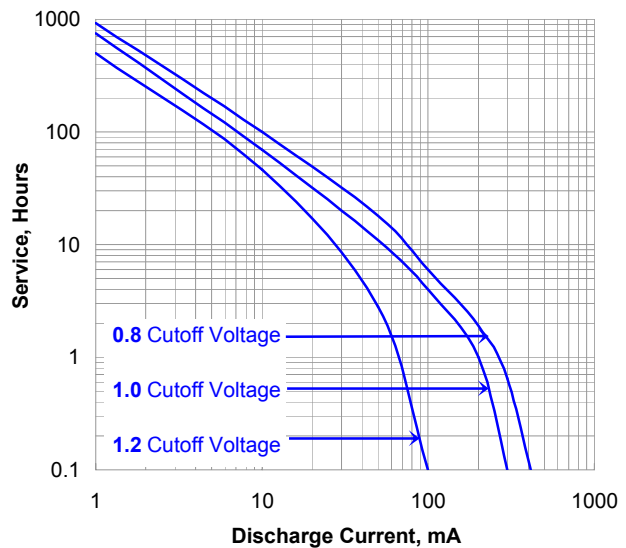
**TEMPERATURE EFFECTS**  
 Typical Service to 0.8 Volts



**CONSTANT RESISTANCE PERFORMANCE**  
 Typical Service



**CONSTANT CURRENT DISCHARGE**  
 Typical Service



### Important Notice

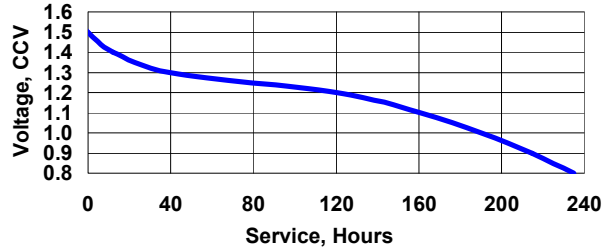
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## ENERGIZER NO. E90

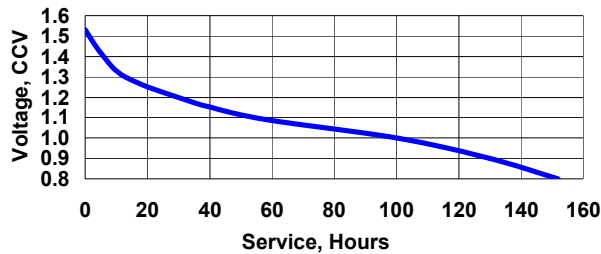
**RESISTANCE TEST**  
300 ohms 12 hours/day



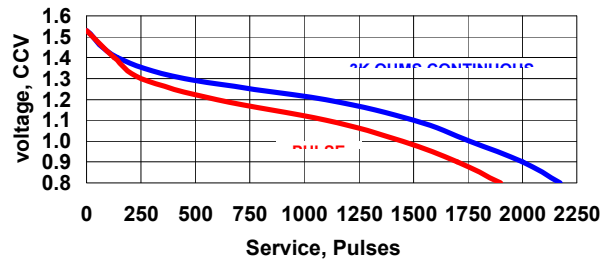
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### ANSI - IEC Industry Standard Tests @ 20° C

**PORTABLE LIGHTING**  
5.1 ohms 5 min/day



**PAGER**  
3k ohms 24 hours/day - 10 ohms 5 sec/hour



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