**ENERGIZER E93**

**Specifications**

- **Classification:** Alkaline
- **Chemical System:** Zinc-Manganese Dioxide (Zn/MnO₂)
- **Designation:** ANSI-14A, IEC-LR14
- **Nominal Voltage:** 1.5 volts
- **Nominal IR:** 150 to 300 milliohms (fresh)
- **Operating Temp:** -18°C to 55°C (0°F to 130°F)
- **Typical Weight:** 66.2 grams (2.3 oz.)
- **Typical Volume:** 26.9 cubic centimeters (1.6 cubic inch)
- **Jacket:** Plastic Label
- **Shelf Life:** 10 years at 21°C
- **Terminal:** Flat Contact

**Industry Standard Dimensions**

- **Reversal Protection:** Non-Conductive Area

**Milliamp-Hours Capacity**

Continuous discharge to 0.8 volts at 21°C

- **Discharge (mA):**
  - 25: 13.00 (0.512)
  - 100: 50.00 (1.969)
  - 250: 48.50 (1.909)
  - 500: 1.50 (0.059)

**Device Selection Guide:**

- **Portable Stereo**
- **Toy**
- **Lighting**
- **Radio**

**Battery Selection Indicator**

- **High Drain Devices**
- **Moderate Drain Devices**
- **Low Drain Devices**
ENERGIZER E93

Constant Resistance Performance
Typical Characteristics (21°C)

![Graph showing Constant Resistance Performance]

Constant Current Performance
Typical Characteristics (21°C)

![Graph showing Constant Current Performance]

Industry Standard Tests (21°C)

**RADIO**
20 ohm 4 hrs/day

![Graph showing RADIO performance]

**LIGHTING**
3.9 ohm LIF

![Graph showing LIGHTING performance]

**TOY**
3.9 ohm 1 hr/day

![Graph showing TOY performance]

**PORTABLE STEREO**
400 mA 2 hrs/day

![Graph showing PORTABLE STEREO performance]

Pack Quantity : 2
Manufacturers Part Number : E300129500
Pack Quantity : 4
Manufacturers Part Number : E300129300