**ENERGIZER E93**

**Specifications**

- **Classification:** Alkaline
- **Chemical System:** Zinc-Manganese Dioxide (Zn/MnO$_2$)
- **Designation:** IEC-LR14
- **Nominal Voltage:** 1.5 volts
- **Nominal IR:** 150 to 300 milliohms (fresh)
- **Operating Temp:** -18°C to 55°C
- **Typical Weight:** 66.0 grams
- **Typical Volume:** 27.0 cubic centimeters
- **Jacket:** Plastic Label
- **Shelf Life:** 7 years at 21°C
- **Terminal:** Flat Contact

**Industry Standard Dimensions (millimeters)**

- Maximum: 26.20
- Minimum: 1.50
- 1.50 Minimum
- 50.00
- 48.50
- 13.00 Minimum

**Milliamp-Hours Capacity**

Continuous discharge to 0.8 volts at 21°C

**Industry Standard Testing (21°C):**

**RADIO** 20 ohm 4 hrs/day

- Voltage (CCV)
  - 1.6
  - 1.4
  - 1.2
  - 1.0
  - 0.8

- Service (hours)
  - 0
  - 30
  - 60
  - 90
  - 120
  - 150

**TOY** 3.9 ohm 1 hr/day

- Voltage (CCV)
  - 1.6
  - 1.4
  - 1.2
  - 1.0
  - 0.8

- Service (hours)
  - 0
  - 6
  - 12
  - 18
  - 24

**LIGHTING** 3.9 ohm LIF

- Voltage (CCV)
  - 1.6
  - 1.4
  - 1.2
  - 1.0
  - 0.8

**Battery Selection Indicator**

- High Drain Devices
- Moderate Drain Devices
- Low Drain Devices

**Important Notice**

This datasheet contains typical information specific to products manufactured at the time of its publication.