**battery type:** Alkaline Manganese (Mercury free)
**battery size:** IEC: LR6; JIS: AM-3; ANSI: AA; MN1500; Mignon
**chemical system:** Zn / KOH-H₂O / MnO₂

<table>
<thead>
<tr>
<th>Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>nominal voltage:</strong> 1.5 V</td>
</tr>
<tr>
<td><strong>open circuit voltage:</strong> 1.57...1.62 V, 1.55...1.62 V</td>
</tr>
<tr>
<td>new battery, after 1 year storage at 20°C</td>
</tr>
</tbody>
</table>

**capacity**
- **rated:**
  - 2900 mAh discharge at 10mA load; 24hours/day
  - End Voltage (EV): 0.8V
  - 2700 mAh discharge at 75ohms load; 24hours/day
  - End Voltage (EV): 0.8V
- **minimum:**
  - 2550 mAh discharge at 35mA constant current
  - End Voltage (EV): 0.8V
  - 800 mAh discharge at 1000mA constant current
  - End Voltage (EV): 0.8V

**typical service output (new batteries)**
- ≥470 cycles discharge at 1000mA; EV: 0.9V
- discharge 10s/m 1h/d
- ≥ 88 h discharge at 43Ω resistive load; EV: 0.9V
- discharge 4h/d
- ≥ 46 min discharge at 1000mA constant current; EV: 0.9V
- discharge 24h/d
- ≥ 19 h discharge at 10Ω resistive load; EV: 0.9V
- discharge 24h/d
- ≥ 7.3 h discharge at 250mA; EV: 0.9V
- discharge 1h/d

**internal resistance:** ≤ 0.2 Ω at 1kHz, sine wave measurement according to IEC 896-2

**shelf life:** 7 years under proper storage conditions

**leakage resistance**
- over discharge: no leakage 10ohms continuous discharge for 48h; ta: 20°C; RH: 60±15%
- high temperature: no leakage store 20days at ta: 60°C; RH:90±5%

**ambient temperature range:** -10...50 °C

**recommended storage conditions:** 5...25 °C ambient temperature
45...75 % rel. humidity

**mechanical specifications**
- **cell dimensions**
  - diameter d1: 14.4 - 0.5 mm
  - diameter d2: 5.4 - 0.5 mm
  - height h1: 50.4 - 0.5 mm
  - height h2: 1.7 - 0.5 mm
  - weight: 23 ± 2 g

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.