

**battery type:** Alkaline Manganese (Mercury free)  
**battery size:** IEC: LR03; JIS: AM-4; ANSI: AAA; MN2400; Micro  
**chemical system:** Zn / KOH-H<sub>2</sub>O / MnO<sub>2</sub>

**Conditions**

**nominal voltage:** 1.5 V  
**open circuit voltage:** 1.57...1.62 V new battery  
 1.55...1.62 V after 1 year storage at 20°C

**capacity rated:** 1200 mAh all measurements at 20°C ambient  
 discharge at 10mA load; 24hours/day  
 End Voltage (EV): 0.8V  
 1070 mAh discharge at 75ohms load; 24hours/day  
 End Voltage (EV): 0.8V

**minimum:** 1050 mAh discharge at 20mA constant current  
 End Voltage (EV): 0.8V  
 300 mAh discharge at 500mA constant current  
 End Voltage (EV): 0.8V

**typical service output (new batteries)**

≥ 560 cycles discharge at 1000mA; EV: 0.9V  
 discharge 10s/m 1h/d  
 ≥ 79 h load resistor: 43ohms; EV: 0.9V  
 discharge 4h/d  
 ≥ 38 min discharge at 1000mA; EV: 0.9V  
 discharge 24h/d  
 ≥ 17.5 h load resistor: 10ohms; EV: 0.9V  
 discharge 24h/d  
 ≥ 6.2 h discharge at 250mA; EV: 0.9V  
 discharge 1h/d

**internal resistance:** ≤ 0.3 Ω at 1kHz, sine wave measurement  
 according to IEC 896-2

**shelf life:** 5 years under proper storage conditions

**leakage resistance**

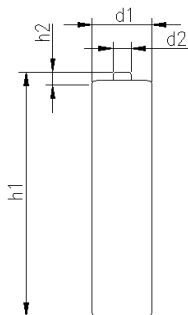
over discharge: no leakage 10ohms continuous discharge for 48h; ta: 20°C; RH: 60±15%  
 high temperature: no leakage store 20days at ta: 60°C; RH:90±5%

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


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

**mechanical specifications**

cell dimensions  
 diameter d1: 10.4 - 0.5 mm  
 diameter d2: 3.6 - 0.4 mm  
 height h1: 44.4 - 0.6 mm  
 height h2: 1.2 - 0.35 mm  
 weight: 11.5 ± 1.5 g



shrink package dimensions: 115 x 42 x 46 mm  
 weight (incl. batteries): 520 ± 20 g

	<b>ANSMANN Specifications for model:</b>	<b>Ansmann Premium Alkaline battery AAA - size 44pcs shrink package</b>
	data sheet no. / part no.	1501-0008-510
	supplier no.	701381
	author / date	TG / 14.03.2013