

battery type:
battery size:
chemical system:

Alkaline Manganese (Mercury free)
 IEC: LR03; JIS: AM-4; ANSI: AAA; MN2400; Micro
 Zn / KOH-H₂O / MnO₂



<https://www.mega-piles.com/>

nominal voltage: 1.5 V
open circuit voltage: 1.57...1.62 V
 1.55...1.62 V

Conditions
 new battery
 after 1 year storage at 20°C

capacity
 rated:
 1200 mAh 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 load resistor 3.6ohms; EV: 0.9V
 discharge 15s/m 24h/d
 ≥ 180 min load resistor: 5.1ohms; EV: 0.9V
 discharge 4min/h 8h/d
 ≥ 414 min load resistor: 10ohms; EV: 0.9V
 discharge 1h/d
 ≥ 16 h load resistor: 20ohms; EV: 0.9V
 discharge 24h/d
 ≥ 37 h load resistor: 43ohms; EV: 0.9V
 discharge 4h/d

internal resistance: ≤ 0.3 Ω at 1kHz, sine wave measurement
 full battery

shelf life: 7 years under proper storage conditions

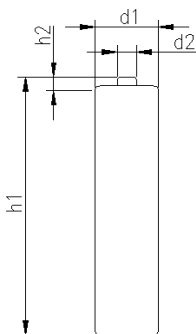
leakage resistance
 over discharge: no leakage 20ohms continuous discharge for 48h; ta: 20°C; RH: 60±15%
 high temperature: no leakage store 20days at ta: 60°C; RH:90±5%

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
 package dimensions: 53 x 21 x 45 mm
 weight (incl. batteries): 113 ± 5 g



	ANSMANN Specifications for model:	Ansmann Industrial Alkaline Battery
		AAA - size 10pcs box
	data sheet no. / part no.	1501-0009
	supplier no.	701381
	author / date	TG / 25.02.2015