



THE DATASHEET OF
1511-0042-XX



battery type: Alkaline AAA Size Battery (HIGH POWER)
battery size: ANSI:24A; IEC:LR03; size: AAA
chemical system: Zn/MnO₂(No Mercury and Cadmium added)

Conditions

nominal voltage: 1.50 V
open circuit voltage: 1.50...1.68 V new battery

capacity rated: 1230 mAh
 all measurements at 20°C ±2°C ambient discharge with 10mA current load; 24h/d
 End Voltage (EV): 0.8V

minimum: 8.2 h
 (for IQC measurement) at 100mA constant current discharge; 24h/d
 End Voltage (EV): 0.9V

typical service output

Test condition					Initial		After 12months storage	After 60months storage
Application	Load	Daily period	End voltage (V)	Unit	Normal	MAD		
Portable lighting	5.1Ω	4m/h,8h/d	0.9	min	236	200	184	131
Remote control	24Ω	15s/m, 8h/d	1.0	h	21.2	19.8	19.2	13.1
Toy	5.1Ω	1h/d	0.8	min	260	215	198	117
Digital audio	50mA	1h/12h,24h/d	0.9	h	22.8	21.5	20.4	10.8
※	100mA	24h/d	0.9	h	8.9	8.2	/	/

Marked with※is a quick test item for shipment release

shelf life: 5 years under proper storage conditions

leakage resistance over discharge: no leakage
 After measured discharge capacity, continue discharge until load voltage drop to less than 40% of original; T: 20°C±2°C ; RH: 55±20%

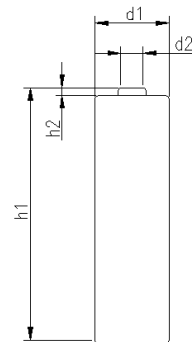
high temperature: no leakage
 store 20 days at T: 60°C±2°C; RH:90%±5%


ambient temperature range: 5...30 °C

recommended storage conditions: 18...22 °C ambient temperature
 35...75 % rel. humidity

mechanical specifications

cell dimensions
 diameter d1: 10.15 ± 0.35 mm
 diameter d2: max. 3.8 mm
 height h1: 44 ± 0.5 mm
 height h2: min. 0.8 mm
 weight: 11 ± 1 g



	ANSMANN Specifications for model:	Alkaline Battery AAA- size
	data sheet no. / part no.	
	s.n.	705623
	author / date	JH / 26.11.2025

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