



**THE DATASHEET OF**  
**1512-0052-XX**



**battery type:** Alkaline AA Size Battery (HIGH POWER)  
**battery size:** ANSI:15A; IEC:LR6; size: AA  
**chemical system:** Zn/MnO<sub>2</sub>

**Conditions**

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

**capacity rated:** 2500 mAh  
 all measurements at 20°C ±2°C ambient discharge with 10mA current load; 24h/d  
 End Voltage (EV): 0.8V

**minimum:** 19.9 h  
 (for IQC measurement) at 100mA constant current discharge; 24h/d  
 End Voltage (EV): 0.9V

**typical service output**

Application	Test condition				Initial		After 12months storage	After 60months storage
	Load	Daily period	End voltage (V)	Unit	Normal	MAD		
Motor/Toy	3.9Ω	1h/d	0.8	h	7.2	6.8	6.2	4.5
Toy,non-motorized	250mA	1h/d	0.9	h	7.8	7.0	6.4	4.5
Digital still camera	1.5W-2s/ 0.65W-28s	5m/h,24h/d	1.05	pulse	81	57	54	36
CD ,digital audio,wireless gaming and accessories	100mA	1h/d	0.9	h	22.8	22.0	20.9	13.5
Radio/Clock/ Remote Control	50mA	1h/8h,24h/d	1.0	h	47.5	45.5	44.1	27.0
Portable Lighting(LED)	3.9Ω	4m/h,8h/d	0.9	min	403	380	350	207
※	100mA	24h/d	0.9	h	20.9	19.9	/	/

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%

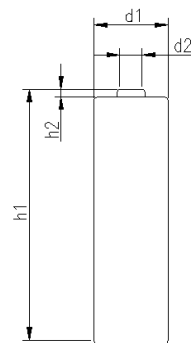
**high temperature:** no leakage  
 store 20 days at T: 60°C±2°C; RH:90%±5%


**ambient temperature range:** 5...30 °C

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

**mechanical specifications**

cell dimensions  
 diameter d1: 14.1 ± 0.4 mm  
 diameter d2: max. 5.5 mm  
 height h1: 50.0 ± 0.5 mm  
 height h2: min. 1.0 mm  
 weight: 22 ± 1 g



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

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- [View 1512-0052-XX on WIN SOURCE](#)
- [ANSMANN \(Huizhou\) Trading CO., LTD Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management