



THE DATASHEET OF
1512-0053-XX



battery type: Alkaline AA Size Battery (SUPER POWER)
battery size: ANSI:15A; IEC:LR6; size: AA
chemical system: Zn/MnO₂

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

capacity rated: 3200 mAh
 all measurements at 20°C ±2°C ambient
 discharge with 10mA current load; 24h/d
 End Voltage (EV): 0.8V

minimum: 23.5 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	After 120months storage
Application	Load	Daily period	End voltage (V)	Unit	Normal	MAD			
Motor/Toy	3.9Ω	1h/d	0.8	h	8.7	8.2	8.0	6.6	5.7
Toy,non-motorized	250mA	1h/d	0.9	h	9.3	8.8	8.3	7.0	6.1
Digital still camera	1.5W-2s/ 0.65W-28s	5m/h,24h/d	1.05	pulse	139	108	90	80	65
Photo flash	1000mA	10s/m, 1h/d	0.9	pulse	550	490	441	343	245
CD ,digital audio,wireless gaming and accessories	100mA	1h/d	0.9	h	27.1	26.0	25.3	22.1	15.9
Radio/Clock/ Remote Control	50mA	1h/8h,24h/d	1.0	h	54.0	51.0	50.0	45.9	30.1
Portable Lighting(LED)	3.9Ω	4m/h,8h/d	0.9	min	489	450	437	360	243
※	100mA	24h/d	0.9	h	25.7	23.5	/	/	/

Marked with※is a quick test item for shipment release

shelf life: 10 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%

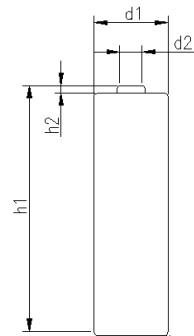
high temperature: no leakage
 store 60 days at T: 60°C±2°C; RH:90%±5%


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: 24 ± 1 g



	ANSMANN Specifications for model:	Alkaline Battery AA- size
	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 1512-0053-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