



THE DATASHEET OF
1513-0011-XX



battery type: Alkaline C Size Battery (HIGH POWER)
battery size: ANSI:14A; IEC:LR14; size C
chemical system: Zn/MnO₂

Conditions

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

capacity rated: 7500 mAh
 all measurements at 20°C ±2°C ambient discharge with 25mA current load; 24h/d
 End Voltage (EV): 0.8V

minimum: 16.8 h
 (for IQC measurement) at 3.9ohms constant resistance 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		
Toy	3.9Ω	1h/d	0.8	h	21.3	20.4	19.9	15.1
Portable lighting	3.9Ω	4m/15m,8h/d	0.9	min	1130	1070	1049	803
Portable stereo	400mA	2h/d	0.9	h	11.9	10.8	10.4	8.1
※	3.9Ω	24h/d	0.9	h	17.9	16.8	/	/

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%

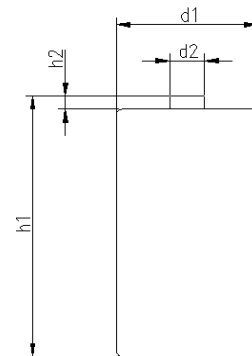
high temperature: no leakage
 store 20 days at T: 60°C±2°C; RH:90%±5%


ambient temperature range: 5...30 °C

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

mechanical specifications

cell dimensions
 diameter d1: 25.55 ± 0.65 mm
 diameter d2: max. 7.5 mm
 height h1: 49.3 ± 0.7 mm
 height h2: min. 1.5 mm
 weight: 66 ± 4 g



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

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