battery type:		Alkaline Manganese (Mercury free)
battery size:		IEC: LR03; JIS: AM-4; ANSI: 24A; MN2400; AAA; Micro
chemical system:		Zn / KOH-H_2O / MnO_2

			Conditions
nominal voltage:	1.5	V	
open circuit voltage:	1.57...1.62	V	new battery
	1.55...1.62	V	after 1 year storage at 20°C
capacity			all measurements at 20°C ambient
rated:	1325	mAh	discharge at 10mA load; 24hours/day End Voltage (EV): 0.8V
	1225	mAh	discharge at 75ohms load; 24hours/day End Voltage (EV): 0.8V
minimum: (for IQC measurement)	18.0	h	at 20ohms constant resistance discharge End Voltage (EV): 0.9V
	142	min	at 3.9 ohms constant resistance discharge End Voltage (EV): 0.9V

typical service output

Discharge Condition				IEC60086-2: 2015 Standard	Discharge Time			
					Initial		After 1 year at 20±2℃	
Load		Test mode	End Voltage		MAD	Normal	MAD	Normal
5.1Ω		4m/h,8h/d	0.9V	130m	240m	255m	225m	238m
50mA		1h/12h,24h/d	0.9V	12h	21.8h	23.3h	20.9h	22h
24Ω		15s/m-8h/d	1.0V	14.5h	20.7h	22.3h	19.9h	21.4h
5.1Ω		1h/d	0.8V	2h	4.1h	4.5h	3.9h	4.1h
20Ω	Refer-ence	24h/d	0.9V	/	18h	18.6h	17h	17.5h
3.9Ω	Refer-ence	24h/d	0.9V	/	142m	155m	131m	142m
Remarks		• MAD- Minimum Average Discharge m- minute h- hour d-day p-pulses • Actual performance for each lot perhaps will be slightly different with normal performance.						

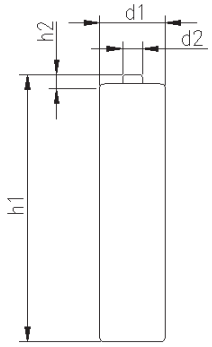
internal resistance: (new battery)	≤ 0.3	Ω	at 1kHz, sine wave measurement according to IEC 896-2
shelf life:	7	years	under proper storage conditions

leakage resistance		
over discharge:	no leakage	10ohms 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



ANSMANN	**ANSMANN Specifications for model:**	**Premium Quality Alkaline Battery AAA - size**
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	supplier no.	704413
	author / date	TG / 12.07.2019