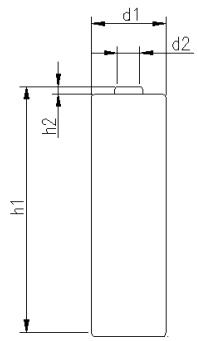
battery type:		Alkaline Manganese (Mercury free)
battery size:		IEC: LR6; JIS: AM-3; ANSI: AA; MN1500; Mignon
chemical system:		Zn / KOH-H_2O / MnO_2

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:	2700 mAh	discharge at 10mA load; 24hours/day End Voltage (EV): 0.8V
	2400 mAh	discharge at 75ohms load; 24hours/day End Voltage (EV): 0.8V
minimum:	2200 mAh	discharge at 35mA constant current End Voltage (EV): 0.8V
	700 mAh	discharge at 1000mA constant current End Voltage (EV): 0.8V
typical service output (new batteries)		
	≥ 330 cycles	discharge at 1000mA; EV: 0.9V discharge 10s/m 1h/d
	≥ 79 h	load resistor: 43ohms; EV: 0.9V discharge 4h/d
	≥ 38 min	discharge at 1000mA; EV: 0.9V discharge 24h/d
	≥ 17.5 h	load resistor: 10ohms; EV: 0.9V discharge 24h/d
	≥ 6.2 h	discharge at 250mA; EV: 0.9V discharge 1h/d
internal resistance:	≤ 0.25 Ω	at 1kHz, sine wave measurement according to IEC 896-2
shelf life:	5 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:	14.4	- 0.5	mm
diameter d2:	5.4	- 0.5	mm
height h1:	50.4	- 0.5	mm
height h2:	1.7	- 0.5	mm
weight:	23	± 2	g
package dimensions:	74 x 60 x 53		mm
weight (incl. batteries):	465	± 10	g



	ANSMANN Specifications for model:	Ansmann Industrial Alkaline battery AA - size 20pcs box
	data sheet no. / part no.	1502-0002
	supplier no.	701381
	author / date	TG / 16.03.2015

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice