

battery type:	Alkaline Manganese (Mercury free)
battery size:	IEC: 6LR61; JIS: 6AM6; ANSI: E; MN1604; 9V-Block
chemical system:	Zn / KOH-H ₂ O / MnO ₂

nominal voltage:	9 V	Conditions
open circuit voltage:	9.2...9.8 V	new battery
	9.0...9.8 V	after 1 year storage at 20°C

capacity rated:	550 mAh	all measurements at 20°C ambient discharge at 10mA load; 24hours/day End Voltage (EV): 5.4V
minimum:	525 mAh	discharge at 10mA constant current End Voltage (EV): 5.4V
	475 mAh	discharge at 50mA constant current End Voltage (EV): 5.4V

typical service output (new batteries)

≥ 14 h	discharge at 35mA constant current; EV: 5.4V discharge 24h/d
≥ 18 h	discharge at 270Ω resistive load; EV: 5.4V discharge 1h/d
≥ 40 h	discharge at 620Ω resistive load; EV: 5.4V discharge 2h/d
≥ 17 d	discharge at 10KΩ resistive load (continuous); additional pulse load at 620Ω for 1s/h; EV: 7.5V

internal resistance:	≤ 4 Ω	at 1kHz, sine wave measurement full battery
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shelf life:	7 years	under proper storage conditions
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leakage resistance over discharge:	no leakage	20ohms 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
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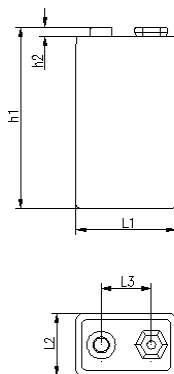
recommended storage conditions:	5....25 °C	ambient temperature
	45...75 %	rel. humidity

mechanical specifications

cell dimensions

length L1:	26.5	-2	mm
length L2:	17.5	-2	mm
length L3:	12.7	± 0.25	mm
height h1:	48.5	-2	mm
weight:	45	± 3	g

package dimensions:	87 x 53 x 49 mm
weight (incl. batteries):	465 ± 25 g



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	ANSMANN Specifications for model:	Ansmann Industrial Alkaline Battery
	data sheet no. / part no.	1505-0001
	supplier no.	701381
	author / date	TG / 15.05.2018

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