



THE DATASHEET OF
1515-0020-XX



battery type: Alkaline 9V Block Battery (SUPER POWER)
battery size: ANSI:1604A; IEC:6LR61; 9V
chemical system: Zn/MnO₂

nominal voltage: 9.0 V
open circuit voltage: 9.0...10.08 V **Conditions**
 new battery

capacity rated: 550 mAh all measurements at 20°C ±2°C ambient
 discharge with 270Ω resistance load; 1h/d
 End Voltage (EV): 5.4V

minimum: 11 h at 180ohms constant resistance discharge; 24h/d
 (for IQC measurement) End Voltage (EV): 4.8V

typical service output

Test condition					Initial		After 12months storage	After 60months storage	After 84 months storage
Application	Load	Daily period	End voltage (V)	Unit	Normal	MAD			
Clock radio	620Ω	2h/d	5.4	h	51.0	47.0	46.1	29.7	26.4
Toy	270Ω	1h/d	5.4	h	21.9	20.8	20.4	10.8	9.6
Smoke detector	10000Ω	24h	7.5	d	23.1	22.0	21.6	14.4	12.8
	620Ω	1s/h							
※	180 Ω	24h	4.8	h	12.7	11.0	/	/	/

Marked with※is a quick test item for shipment release

shelf life: 7 years under proper storage conditions

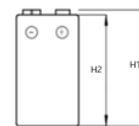
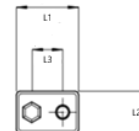
leakage resistance over discharge: no leakage After measured discharge capacity, continue discharge until load voltage drop to less than 40% of original; T: 20°C±2°C ; RH: 55±20%
high temperature: no leakage store 20 days at T: 60°C±2°C; RH:90%±5%

ambient temperature range: 5...30 °C

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

mechanical specifications

cell dimensions
 diameter I1: 25.5 ± 1.0 mm
 diameter I2: 16.5 ± 1.0 mm
 diameter I3: 12.7 ± 0.25 mm
 height h1: 47.5 ± 1.0 mm
 height h2: max. 46.4 mm
 weight: 49 ± 4 g



	ANSMANN Specifications for model:	Alkaline 9V Block Battery
	data sheet no. / part no.	
	s.n.	705623
	author / date	JH / 26.11.2025

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