

battery type: Alkaline Manganese (Mercury free)
battery size: IEC: 6LF22; JIS: 6AM6; ANSI: E; MN1604; 9V-Block
chemical system: Zn / KOH-H₂O / MnO₂

nominal voltage: 9 V
open circuit voltage: 9.2...9.8 V new battery
 9.0...9.6 V after 1 year storage at 20 °C

capacity
rated: 500 mAh all measurements at 20 °C ambient
 discharge at 35mA load; 24hours/day
 End Voltage (EV): 5.4V
minimum: 525 mAh discharge at 10mA constant current
 End Voltage (EV): 5.4V
 325 mAh discharge at 75mA constant current
 End Voltage (EV): 5.4V

typical service output (new batteries)

≥ 13 h discharge at 35mA constant current; EV: 5.4V
 discharge 24h/d
 ≥ 17 h discharge at 270Ω resistive load; EV: 5.4V
 discharge 1h/d
 ≥ 43 h discharge at 620Ω resistive load; EV: 5.4V
 discharge 2h/d
 ≥ 11.5 h discharge at 180Ω resistive load; EV: 4.8V
 discharge 30min/d

internal resistance: ≤ 4 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 180ohms continuous discharge for 48h; ta: 20 °C; RH: 60±15%
 high temperature: no leakage store 20days at ta: 60 °C; RH:90±5%

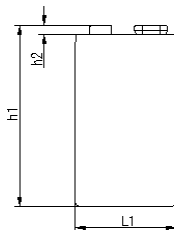
ambient temperature range: - 10...50 °C

recommended storage conditions: 5....25 °C ambient temperature
 45...75 % rel. humidity

mechanical specifications

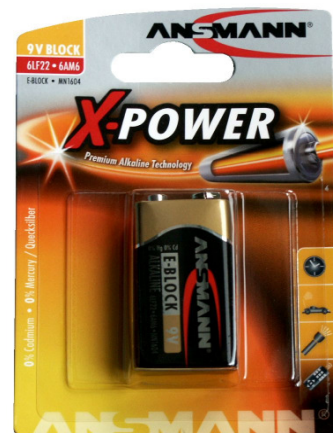
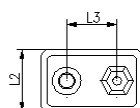
cell dimensions

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



blister card

dimensions: 120 x 85 mm
 weight (incl. battery): 53 ± 3 g



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	ANSMANN Specifications for model:	Ansmann XPower Alkaline battery
	data sheet no. / part no.	9V E-block 1pcs blister package
	Version no.	5015643
	author / date	
		Gramlich / 21.07.2010

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