

battery type: Lithium - Thionyl - Chloride
battery size: IEC: 6AM6; ANSI: 1604LC; LA522; 9V-Block
chemical system: Li-SOCl₂

Conditions

nominal voltage: 10.8 V
open circuit voltage: 10.8...11.2 V new battery
 10.5...11.2 V after 1 year storage at 20 °C

capacity
 rated: 1200 mAh all measurements at 20 °C ambient
 discharge at 1mA load; 24h/d
 End Voltage (EV): 6.0V
 minimum: 700 mAh discharge at 10mA load; 24h/d
 End Voltage (EV): 6.0V
 500 mAh discharge at 50mA load; 24h/d
 End Voltage (EV): 6.0V

typical service output (new batteries)

≥ 10 h load resistor: 180Ω; EV: 6.0V
 discharge 24h/d
 ≥ 18 h load resistor: 270Ω; EV: 6.0V
 discharge 1h/d
 ≥ 55 h load resistor: 620Ω; EV: 6.0V
 discharge 2h/d

max. continuous discharge current: 50 mA

max. peak discharge current: 100 mA

internal resistance: ≤ 8 Ω at 1kHz, sine wave measurement
 according to IEC 896-2

shelf life: 10 years under proper storage conditions

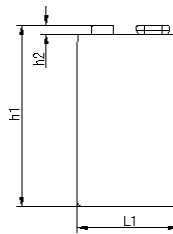
leakage resistance
 over discharge: no leakage 180ohms continuous discharge for 48h; ta: 20 °C; RH: 60±15%
 high temperature: no leakage store 20days at ta: 60 °C; RH:90±5%

ambient temperature range: - 40...60 °C

recommended storage conditions: -20....40 °C ambient temperature
 45...75 % rel. humidity

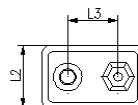
mechanical specifications


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: 31 ± 2 g



picture will follow when blister card is available

blister card dimensions: mm
 weight (incl. batteries): ± g



	ANSMANN Specifications for model:	Ansmann Lithium Battery
		9V - E-Block 1pcs blister
	data sheet no. / part no.	5021023
	author / date	Gramlich / 03.03.2010