

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

**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:** 550 mAh all measurements at 20°C ambient  
 discharge at 35mA load; 24hours/day  
 End Voltage (EV): 5.4V

**minimum:** 550 mAh discharge at 10mA constant current  
 End Voltage (EV): 5.4V

500 mAh discharge at 50mA constant current  
 End Voltage (EV): 5.4V

**typical service output, initial (new batteries)**

≥ 16.5 h discharge at 35mA constant current; EV: 5.4V  
 discharge 24h/d

≥ 19.5 h discharge at 270Ω resistive load; EV: 5.4V  
 discharge 1h/d

≥ 49 h discharge at 620Ω resistive load; EV: 5.4V  
 discharge 2h/d

≥ 18.5 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  
 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%

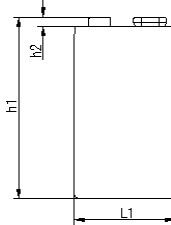
**ambient temperature range:** - 10...50 °C

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

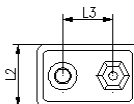
**mechanical specifications**


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



	<b>ANSMANN Specifications for model:</b>	<b>Ansmann XPower Alkaline battery 9V E-block 1pcs blister package</b>
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