

**battery type:** Alkaline Manganese (Mercury free)  
**battery size:** IEC: 6LF22; 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:** 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

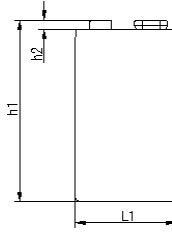
**leakage resistance**  
 over discharge: no leakage 180ohms continuous discharge for 48h; ta: 20 °C; RH: 60±15%  
 high temperature: no leakage store 20days at ta: 60 °C; RH:90±5%

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

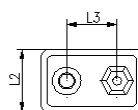
recommended storage conditions: 5...25 °C ambient temperature  
 45...75 % rel. humidity


**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



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