

**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...9.8 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

350 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

≥ 18 h discharge at 270Ω resistive load; EV: 5.4V  
 discharge 1h/d

≥ 47 h discharge at 620Ω resistive load; EV: 5.4V  
 discharge 2h/d

≥ 17 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  
 full battery

**shelf life:** 7 years under proper storage conditions

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

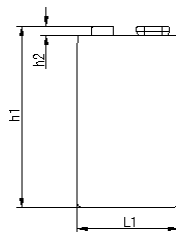
**ambient temperature range:** - 10...50 °C

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

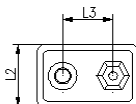
**mechanical specifications**

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



package dimensions: 87 x 53 x 49 mm  
 weight (incl. batteries): 465 ± 25 g



ANSMANN Specifications for model:	Ansmann Industrial Alkaline Battery 9V E-block 10pcs colour box
data sheet no. / part no.	1505-0001
supplier no.	701381
author / date	TG / 02.03.2015