

**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  
 375 mAh discharge at 75mA constant current  
 End Voltage (EV): 5.4V

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

≥ 14 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%

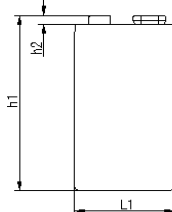
**ambient temperature**  
**range:** - 10...50 °C

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

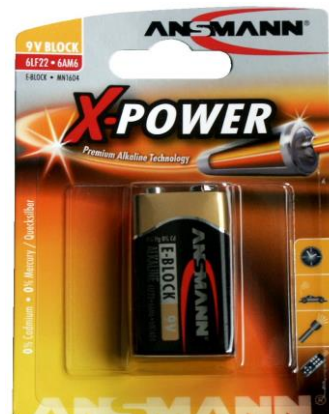
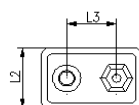
#### mechanical specifications

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



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|                                                                                     |                                          |                                        |
|-------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------|
|  | <b>ANSMANN Specifications for model:</b> | <b>Ansmann XPower Alkaline battery</b> |
|                                                                                     | data sheet no. / part no.                | 5015643                                |
|                                                                                     | Version no.                              | 1                                      |
|                                                                                     | author / date                            | Gramlich / 24.09.2012                  |

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