

**battery type:** Alkaline (Mercury free)  
**battery size:** IEC: 6LF22; JIS: 6AM6; ANSI: E; MN1604  
**chemical system:** Zn / KOH-H<sub>2</sub>O / MnO<sub>2</sub>

**nominal voltage:** 9,0V  
**off load voltage:** 9,2...9,8V (new battery)  
 9,0...9,6V (after 1 year storage at 20°C)

**capacity:**  
**rated:** 475mAh (at 35mA load; discharge 24h/day; 20°C; End Voltage 5,4V)  
**min:** 475mAh (at 10mA constant current discharge (EV: 5,4V))  
 310mAh (at 75mA constant current discharge (EV: 5,4V))

**service output:**  
**new battery:** norm. 13,5h (at 35mA load; discharge 24h/day; 20°C; End Voltage 5,4V)  
 min. 12,0h  
**after 1 year storage:** norm. 11,5h  
 min. 10,0h

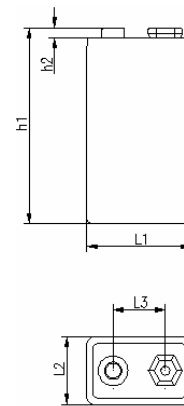
**new battery:** norm. 18,0h (at 270ohms load; discharge 1h/d; 20°C; End Voltage 5,4V)  
 min. 16,5h  
**after 1 year storage:** norm. 16,5h  
 min. 15,0h

**new battery:** norm. 42,0h (at 620ohms load; discharge 2h/d; 20°C; End Voltage 5,4V)  
 min. 41,0h  
**after 1 year storage:** norm. 40,0h  
 min. 38,5h

**note:** storage conditions: 20±5°C, RH: 45-75%


**shelf life:** up to 5 years (under proper storage conditions)

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



**mechanical specifications**

cell dimensions (with sleeve)  
 length L1: 26,5mm – 2,0mm  
 length L2: 17,5mm – 2,0mm  
 length L3: 12,7mm ± 0,25mm  
 height h1: 48,5mm – 2,0mm  
 weight: approx. 45g

|   |                                       |                           |
|---|---------------------------------------|---------------------------|
|  | specifications for model/type:        | Standard Alkaline size 9V |
|   | Ansmann drawing number / part number: | 5015172                   |
|   |                                       |                           |
|   | drawn by / date:                      | Gramlich / 29.05.2006     |