

battery type: Alkaline (Mercury free)
battery size: IEC: LR14; JIS: AM-2; ANSI: C; MN1400; Baby
chemical system: Zn / KOH-H₂O / MnO₂

nominal voltage: 1,5V
off load voltage: 1,57...1,62V
 1,55...1,62V

conditions

new battery
 after 1 year storage at 20°C

capacity:
rated: 7000mAh
min: 5800mAh
 2500mAh

at 20ohms load; discharge 4h/day; 20°C; End Voltage 0,8V
 at 75mA constant current discharge (EV: 0,8V)
 at 1000mA constant current discharge (EV: 0,8V)

service output:

new battery: norm. 17,0h
 min. 16,0h
after 1 year storage: norm. 15,5h
 min. 14,5h

at 3,9ohms load; discharge 24h/day;
 20°C; End Voltage 0,8V

new battery: norm. 33,0h
 min. 31,0h
after 1 year storage: norm. 30,0h
 min. 28,5h

at 6,8ohms load; discharge 1h/day;
 20°C; End Voltage 0,8V

new battery: norm. 110h
 min. 100h
after 1 year storage: norm. 100h
 min. 97h

at 20ohms load; discharge 4h/day;
 20°C; End Voltage 0,8V

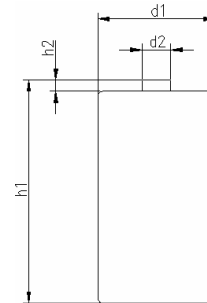
note: storage conditions: 20±5°C, RH: 45-75%

shelf life: up to 5 years under proper storage conditions

leakage resistance:


over discharge: no leakage
high temperature: no leakage

3,9ohms continuous discharge for 48h; 20°C; RH 60 ±15%
 store 20days under 60°C; RH 90 ±5%



mechanical specifications

cell dimensions (with sleeve)
 diameter d1: 26,0mm - 1,0mm
 diameter d2: 7,0mm - 1,0mm
 height h1: 50,0mm - 1,0mm
 height h2: 2,0mm - 0,4mm
 weight: approx. 65g

	specifications for model/type:	Standard Alkaline size C
	Ansmann drawing number / part number:	5015152
		V2
	author / date:	Gramlich / 03.06.2008