

battery type: Alkaline (Mercury free)
battery size: IEC: 6LF22; JIS: 6AM6; ANSI: E; MN1604
chemical system: Zn / KOH-H₂O / MnO₂

conditions

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

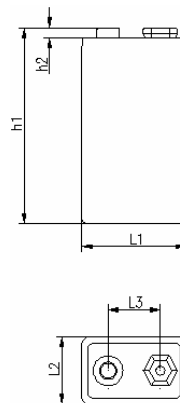
capacity:
rated: 525mAh (at 35mA load; discharge 24h/day; 20°C; End Voltage 5,4V)
min: 525mAh (at 10mA constant current discharge (EV: 5,4V))
 325mAh (at 75mA constant current discharge (EV: 5,4V))

service output:
new battery: norm. 15,0h (at 35mA load; discharge 24h/day; 20°C; End Voltage 5,4V)
 min. 13,5h
after 1 year storage: norm. 13,0h
 min. 12,0h
new battery: norm. 18,5h (at 270ohms load; discharge 1h/d; 20°C; End Voltage 5,4V)
 min. 17,5h
after 1 year storage: norm. 17,5h
 min. 16,5h
new battery: norm. 44,5h (at 620ohms load; discharge 2h/d; 20°C; End Voltage 5,4V)
 min. 43,0h
after 1 year storage: norm. 42,5h
 min. 41,0h

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


shelf life: up to 7 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:	Premium Alkaline size 9V
	Ansmann drawing number / part number:	5015412
	drawn by / date:	Gramlich / 24.05.2006