

**battery type:** Alkaline Manganese Dioxide  
**battery size:** AAAA (LR8D425)  
**chemical system:** Zn / KOH-H<sub>2</sub>O / MnO<sub>2</sub>

**nominal voltage:** 1.5 V  
**open circuit voltage:** 1.57...1.63 V new battery  
 1.55...1.63 V after 1 year storage at 20°C

**Conditions**

**capacity rated:** 500 mAh discharge at 35mA; 24hours/day  
 End Voltage (EV): 0.8V  
**minimum:** 470 mAh discharge at 35mA; 24hours/day  
 End Voltage (EV): 0.8V

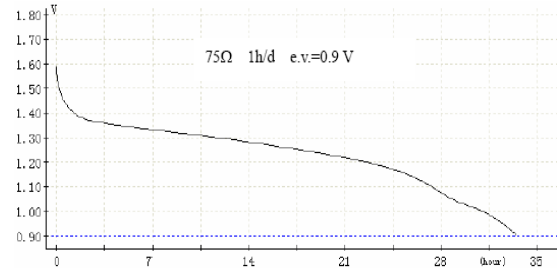
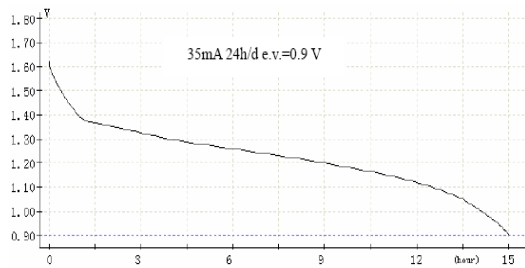
**Standard discharge time nominal:** 12 h at 30Ω load new battery  
 EV: 0.9V  
**minimum:** 13.5 h for QC measurement (at 35mA load; 24h/d; E.V.0.8V)  
 11 h tested within 30 days after delivery  
 after 12 months storage at room temperature

**Service Output**

Load		35mA	5.1 Ω	75 Ω
Test mode		24h/d	5min/d	1h/d
End voltage		0.9V	0.9V	0.9V
Unit		h	m	h
Initial	MAD	13.5	95	31.5
	Normal	15.0	110	33.0
Stored 1 year	MAD	11.0	80	30.0
	Normal	13.0	100	32.0

m: minute h: hour d: day

**Discharge diagrams:**

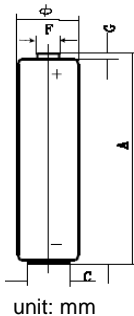


**shelf life:** 7 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)  
 ≥95 % of the capacity will remain after 12 months storage

**operating temperature range:** - 20...60 °C

**mechanical specifications:**

/	min	max
Φ	7.8	8.3
A	41.5	42.5
C	3.7	4.3
F	2.8	3.4
G	0.8	-



unit: mm



blister card  
 dimensions:  
 120 x 85mm  
 weight:  
 21g (incl. battery)

**nominal weight:** 6.8 g

	<b>ANSMANN Specifications for model:</b>	<b>AAAA Alkaline Battery 2pcs blister package</b>
	data sheet no. / part no.	1510-0005
	supplier no.	701381
	author / date	TG / 18.10.2013