

**battery type:** Alkaline Manganese Dioxide (mercury free)  
**battery size:** A10 (10A; LR10; Mn10)  
**chemical system:** Zn / KOH-H<sub>2</sub>O / MnO<sub>2</sub>

**nominal voltage:** 9 V  
**open circuit voltage:** 9.3...9.7 V (new battery)  
 9.2...9.7 V (after 1 year storage at 20°C)

**Conditions**

all measurements at 22 ± 2°C ambient

**capacity rated:** 56 mAh (discharge under 15kΩ load; 24hours/day; End Voltage (EV): 4.5V)  
**minimum:** 50 mAh (discharge under 15kΩ load; 24hours/day; End Voltage (EV): 4.5V)

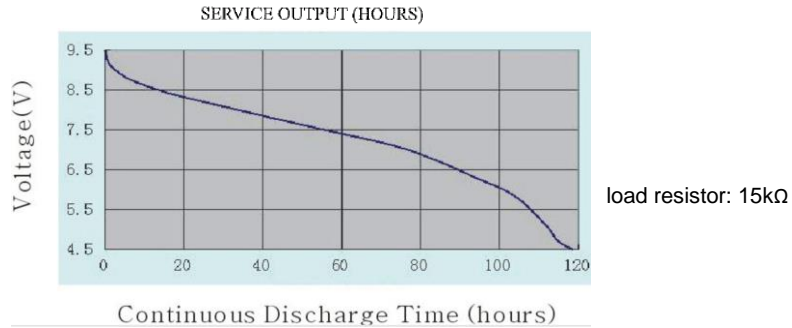
**Standard discharge time**

**nominal:** 100 h (at 15kΩ load; EV: 4.5V) - new battery  
**MAD:** 90 h (at 15kΩ load; EV: 4.5V) - after 12 months storage at 20°C  
 (minimum average duration) 95 h (at 15kΩ load; EV: 4.5V) - for IQC measurement (tested within 30 days after delivery)

**Discharge currents**

**standard:** 0.06 mA  
**max. recommended current under continuous discharge:** 1.0 mA  
**max. recommended current under pulse discharge:** 10 mA

**Discharge diagrams:**

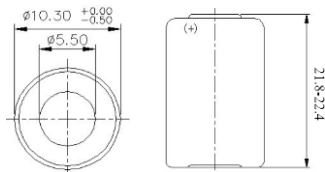


**shelf life:** 3 years (under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%))  
 ≥90 % (remaining capacity after 12 months storage)

**operating temperature:** - 20...60 °C  
**storage temperature:** 5...25 °C (recommended)

**mechanical specifications:**

Dimensions(mm):



**nominal weight:** 6.4 g



**blister card dimensions:** 56 x 71.5mm  
**weight:** 8.2g (incl. battery)



<b>ANSMANN Specifications for model:</b>	<b>A10 (10A, LR1022) Alkaline Battery "Hg free" blister package</b>
data sheet no. / part no.	1510-0006
supplier no.	703385
author / date	TG / 09.03.2016