

**battery type:** Alkaline Manganese Dioxide (mercury free)  
**battery size:** LR43; LR1142; AG12; 186; 386  
**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  
 1.53...1.63 V after 1 year storage at 20°C

#### Conditions

all measurements at 22 ± 2°C ambient

**capacity**  
**rated:** 95 mAh discharge at 10kΩ load; 24hours/day  
 End Voltage (EV): 0.9V

**minimum:** 90 mAh discharge at 10kΩ load; 24hours/day  
 End Voltage (EV): 0.9V

#### Service Life

**nominal:** 730 h at 10kΩ load new battery  
 EV: 0.9V (tested within 60 days after production)

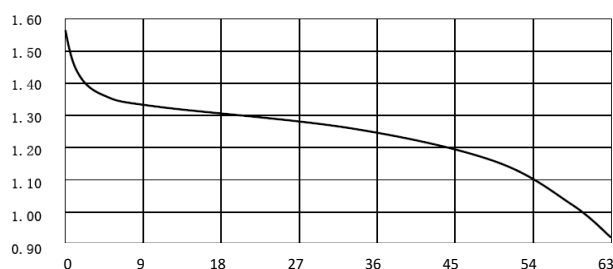
**MAD:** at 10kΩ load new battery  
 (minimum average duration) 690 h EV: 0.9V (tested within 60 days after production)  
 520 h EV: 1.2V

625 h at 10kΩ load after 12 months storage at room temperature  
 EV: 0.9V  
 475 h EV: 1.2V

≥ 60 h at 1kΩ load for IQC measurement  
 EV: 0.9V

Discharge diagram:

Typical Discharge Characteristics at 20°C



load resistor: 1kΩ

Discharge Time(hours)

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

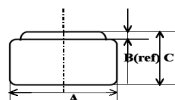
**operating temperature:** -20...60 °C

**storage temperature:** 5...25 °C (recommended)

#### mechanical specifications:

**cell dimensions:** 11.6 x 4.2mm nominal

| Dimensions | Unit:mm     |
|------------|-------------|
| A          | 11.40-11.60 |
| B          | 0.40(ref)   |
| C          | 3.90-4.20   |



**nominal weight:** 1.5 g

**main applications:** watch, photo, electronic

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#### ANSMANN Specifications for model:

Ansmann LR43 (AG12, 386A)  
 Alkaline Button Cell "Hg free"

data sheet no. / part no.

supplier no.

author / date

703385

TG / 25.07.2018