

battery type:
battery size:
chemical system:

Alkaline Manganese Dioxide (mercury free)
 LR43; LR1142; AG12; 186; 386
 Zn / KOH-H₂O / MnO₂

nominal voltage: 1.5 V
open circuit voltage: 1.57...1.63 V
 1.53...1.63 V

Conditions
 new battery
 after 1 year storage at 20°C

capacity
 rated: 95 mAh
 minimum: 90 mAh

all measurements at 22 ± 2°C ambient
 discharge at 10kΩ load; 24hours/day
 End Voltage (EV): 0.9V
 discharge at 10kΩ load; 24hours/day
 End Voltage (EV): 0.9V

Service Life

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

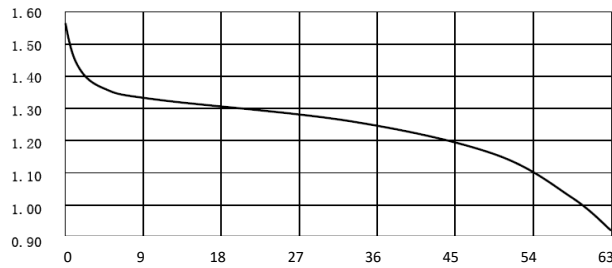
MAD: (minimum average duration) 690 h at 10kΩ load EV: 0.9V new battery (tested within 60 days after production)
 520 h at 10kΩ load EV: 1.2V

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

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

Discharge diagram:

Typical Discharge Characteristics at 20°C



Discharge Time(hours)

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

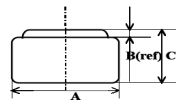
operating temperature: -20...60 °C

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



ANSMANN Specifications for model:

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

data sheet no. / part no.

supplier no.

703385

author / date

TG / 25.07.2018