

battery type:
battery size:
chemical system:

Alkaline Manganese Dioxide (mercury free)
 LR41; LR736; AG3; 392
 Zn / KOH-H₂O / MnO₂

nominal voltage: 1.5 V
open circuit voltage: 1.57...1.63 V
 1.55...1.63 V

Conditions

new battery
 after 1 year storage at 20°C

capacity

rated: 35 mAh

all measurements at 22 ± 2°C ambient

discharge at 22kΩ load; 24hours/day
 End Voltage (EV): 0.9V

minimum: 30 mAh

discharge at 22kΩ load; 24hours/day
 End Voltage (EV): 0.9V

Service Output

nominal: 395 h

at 22kΩ load new battery
 EV: 1.2V

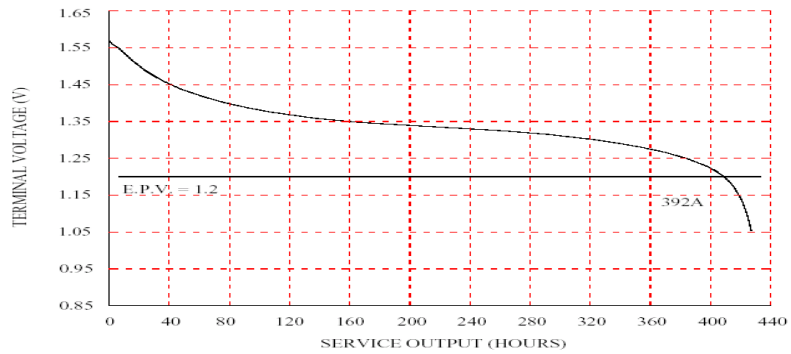
minimum: 365 h
 330 h

dto. tested within 30 days after delivery
 dto. after 12 months storage at room temperature

≥16 h for IQC measurement
 at 1kΩ load
 EV: 1.0V

Discharge diagrams:

DISCHARGE METHOD : 22kΩ , 24hrs/day
 TEMPERATURE : 20 ± 2 °C



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

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

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

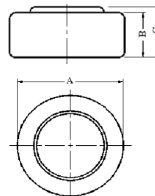
mechanical specifications:

cell dimensions: 7.9 x 3.6 mm nominal

A 7.55...7.90 mm

B 2.95... 3.20 mm

C 3.30... 3.60 mm



nominal weight: 0.7 g

main applications: watch, photo, electronic



ANSMANN Specifications for model:

**Ansmann LR41 (AG3, LR736)
 Alkaline Button Cell "Hg free"**

data sheet no. / part no.

supplier no.

701381

author / date

TG / 25.07.2018