

battery type: Alkaline Manganese Dioxide (mercury free)
battery size: LR41; LR736; AG3; 392
chemical system: Zn / KOH-H₂O / MnO₂

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

all measurements at 22 ± 2°C ambient

capacity
 rated: 35 mAh 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

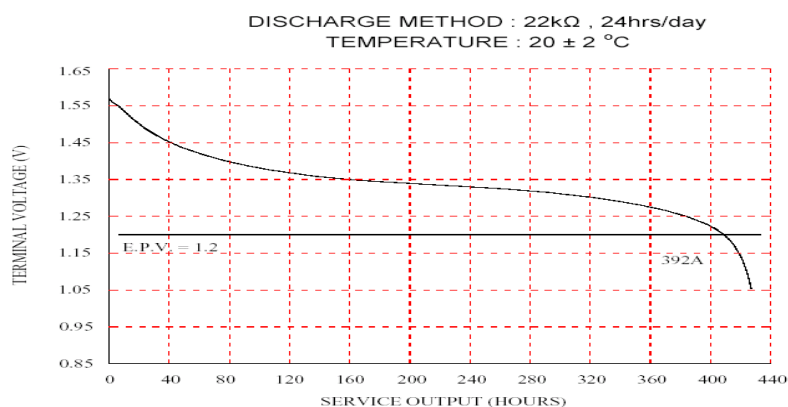
Service Output

nominal: 395 h at 22kΩ load new battery
 EV: 1.2V

minimum: 365 h dto. tested within 30 days after delivery
 330 h dto. after 12 months storage at room temperature

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

Discharge diagrams:



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)

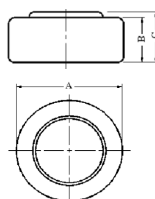
mechanical specifications:

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:

data sheet no. / part no.

supplier no.

author / date

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

701381

TG / 25.07.2018