

battery type: Silver Oxide
battery size: SR44; V357; SR1154
chemical system: AgO₂, MnO₂ / KOH-H₂O / Zn

Conditions

nominal voltage: 1.55 V

open circuit voltage: 1.57...1.65 V initial (new battery)
 1.55...1.65 V after 1 year storage at 20°C

all measurements at 22 ± 2°C ambient

capacity
rated: 133 mAh discharge at 1kΩ load; 24hours/day
 End Voltage (EV): 0.9V

minimum: 125 mAh discharge at 1kΩ load; 24hours/day
 End Voltage (EV): 0.9V

Standard discharge time

typical: 100 h at 1kΩ load; E.V. 0.9V initial
 540 h at 6.8kΩ load; E.V. 1.2V initial

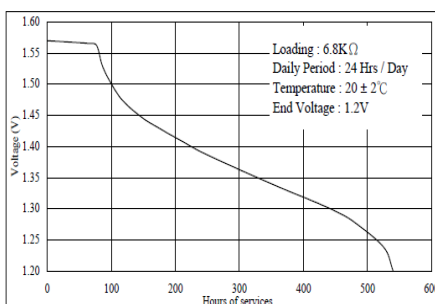
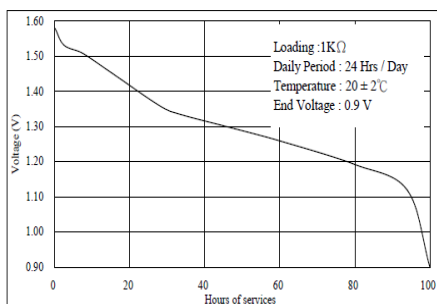
minimum: 95 h at 1kΩ load; E.V. 0.9V initial
 86 h dto. after 12 months storage at 20°C

486 h at 6.8kΩ load; E.V. 1.2V initial
 440 h dto. after 12 months storage at 20°C

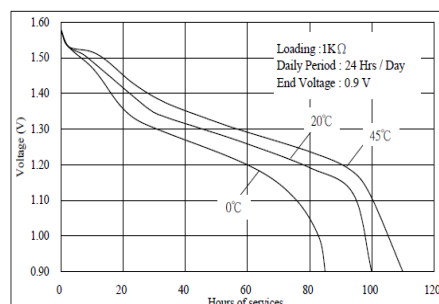
for IQC measurement: min. 92h at 1kΩ load; E.V. 0.9V

Discharge diagrams:

Standard Discharge



Temperature Characteristic

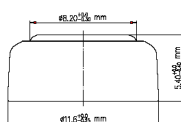
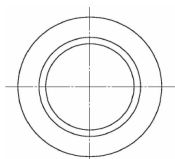


shelf life: 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)
 ≥90 % remaining capacity after 12 months storage at 20°C

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

mechanical specifications:

dimensions: 5.4 mm height
 11.6 mm diameter



nominal weight: 1.94 g

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ANSMANN Specifications for model:

data sheet no. / part no.

s.n.

author / date

SR44 Silveroxide Button Cell
"mercury free"

1516-0011

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TG / 19.11.2021