

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: 1.55...1.65 V initial (new battery)
 1.52...1.60 V after 1 year storage at 20°C

all measurements at 22 ± 2°C ambient

capacity
rated: 158 mAh discharge at 1kΩ load; 24hours/day
 End Voltage (EV): 0.9V

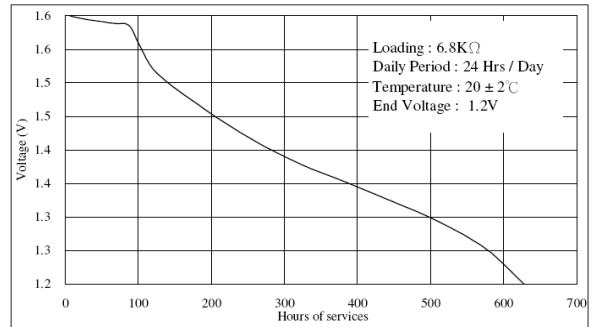
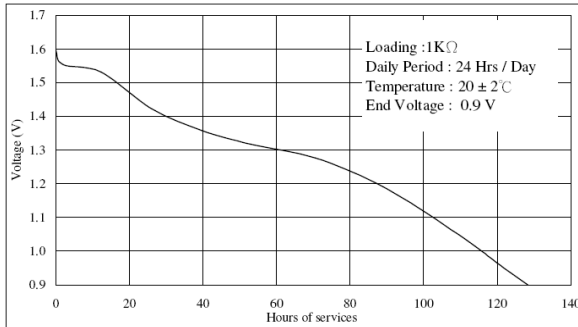
minimum: 145 mAh discharge at 1kΩ load; 24hours/day
 End Voltage (EV): 0.9V

Standard discharge time
typical: 125 h at 1kΩ load; E.V. 0.9V initial
 620 h at 6.8kΩ load; E.V. 1.2V initial

minimum: 119 h at 1kΩ load; E.V. 0.9V initial
 105 h dto. after 12 months storage at 20°C
 600 h at 6.8kΩ load; E.V. 1.2V initial
 540 h dto. after 12 months storage at 20°C

for IQC measurement: min. 110h at 1kΩ load; E.V. 0.9V

Discharge diagrams:

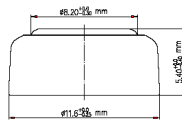
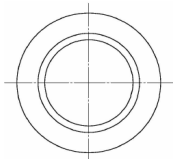


shelf life: 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)
 ≥90 % of the capacity will be maintained after 12 months storage

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


mechanical specifications:

dimensions: 5.4 mm height
 11.6 mm diameter



blister card
 dimensions:
 55 x 70mm
 weight:
 4g (incl. battery)

nominal weight: 1.93 g

	ANSMANN Specifications for model:	SR44 Silveroxide Button Cell 1pc blister package
	data sheet no. / part no.	1516-0011
	supplier no.	703399
	author / date	Gramlich / 26.07.2013