

battery type: Silver Oxide
battery size: SR44; 357; 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

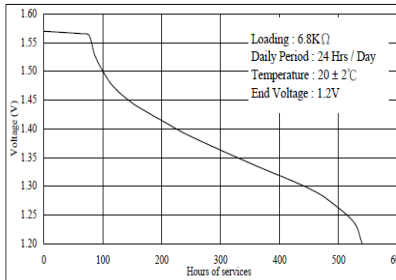
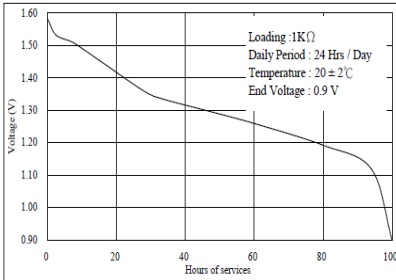
minimum:

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

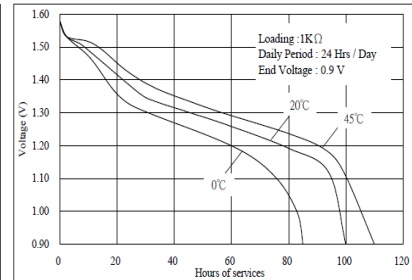
for IQC measurement: min. 92h at 1kΩ load; E.V. 0.9V

Discharge diagrams:

Standard Discharge



Temperature Characteristic



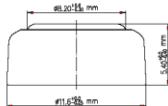
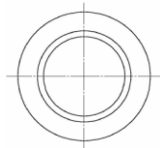
shelf life: 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)
 ≥90 % remaining capacity after 12 months storage at 20°C

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

mechanical specifications:

dimensions:

5.4 mm height
 11.6 mm diameter



blister card

dimensions:
 55 x 70mm

weight:
 4g (incl. battery)

nominal weight:

1.94 g

	ANSMANN Specifications for model:	SR44 Silveroxide Button Cell
		"mercury free" 1pc blister package
	data sheet no. / part no.	1516-0011
	supplier no.	703399
	author / date	TG / 14.03.2016