

battery type: Silver Oxide
battery size: SR45; 394; SR936
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

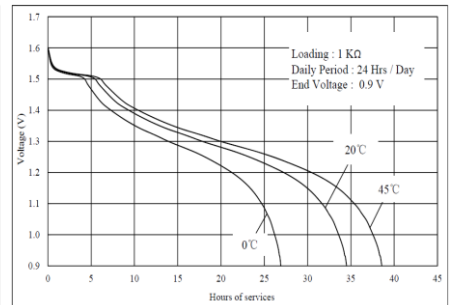
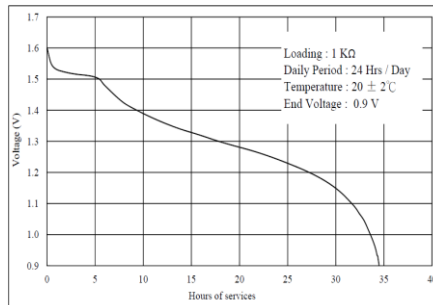
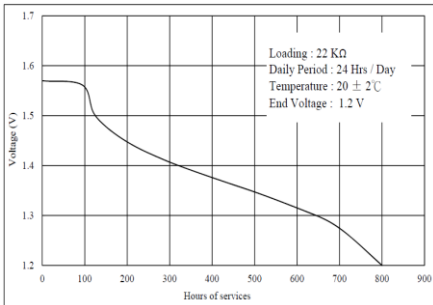
capacity rated: 45 mAh discharge at 1kΩ load; 24hours/day
 End Voltage (EV): 0.9V
minimum: 42 mAh discharge at 1kΩ load; 24hours/day
 End Voltage (EV): 0.9V

Standard discharge time typical:
 34.5 h at 1kΩ load; E.V. 0.9V initial
 800 h at 22kΩ load; E.V. 1.2V initial
minimum:
 31 h at 1kΩ load; E.V. 0.9V initial
 28 h dto. after 12 months storage at 20°C
 750 h at 22kΩ load; E.V. 1.2V initial
 680 h dto. after 12 months storage at 20°C
 for IQC measurement: min. 30h at 1kΩ load; E.V. 0.9V

Discharge diagrams:

Standard Discharge

Temperature Characteristic

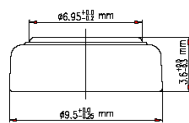
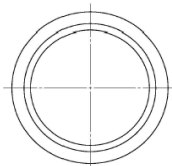


shelf life: 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)
 ≥90 % remaining capacity after 12 months storage at 20°C

operating temperature range: - 20...60 °C currently no final picture available

mechanical specifications:

dimensions: 3.6 mm height
 9.5 mm diameter



blister card
 dimensions:
 55 x 70mm
 weight:
 3g (incl. battery)

nominal weight: 0.87 g

	ANSMANN Specifications for model:	SR45 Silveroxide Button Cell "mercury free" 1pc blister package
	data sheet no. / part no.	1516-0016
	supplier no.	703399
	author / date	TG / 02.06.2015