

battery type: Silver Oxide
battery size: SR57; 395; 399; SR927
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

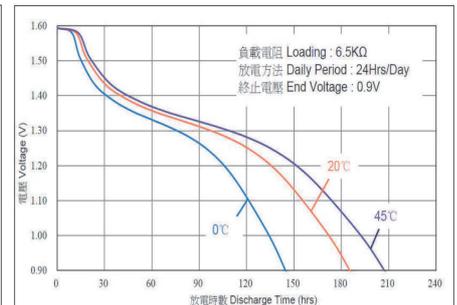
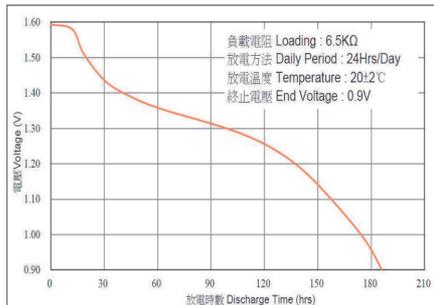
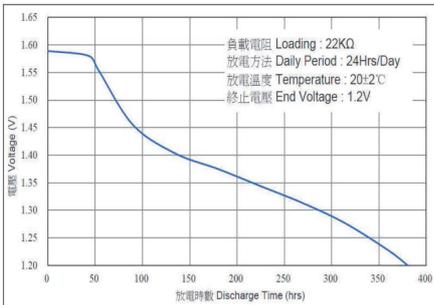
capacity rated: 37 mAh discharge at 6.5kΩ load; 24hours/day
 End Voltage (EV): 0.9V
minimum: 35 mAh discharge at 6.5kΩ load; 24hours/day
 End Voltage (EV): 0.9V

Standard discharge time typical:
 186 h at 6.5kΩ load; E.V. 0.9V initial
 380 h at 22kΩ load; E.V. 1.2V initial
minimum:
 168 h at 6.5kΩ load; E.V. 0.9V initial
 152 h dto. after 12 months storage at 20°C
 345 h at 22kΩ load; E.V. 1.2V initial
 310 h dto. after 12 months storage at 20°C
 for IQC measurement: min. 164h at 6.5kΩ load; E.V. 0.9V

Discharge diagrams:

Standard Discharge

Temperature Characteristic



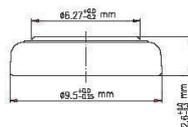
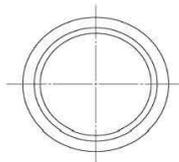
shelf life: 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)
 ≥90 % remaining capacity after 12 months storage at 20°C

operating temperature range: 0...40 °C

sample image:

mechanical specifications:

dimensions: 2.7 mm height
 9.5 mm diameter



nominal weight: 0.65 g

	ANSMANN Specifications for model:	SR57 Silveroxide Button Cell "Hg free" 1pc blister package
	data sheet no. / part no.	1516-0017
	supplier no.	703399
	author / date	TG / 12.05.2025