

battery type: Lithium Button Cell
battery size: CR1025
chemical system: Lithium Manganese Dioxide

nominal voltage: 3.0 V
open circuit voltage: 3.0...3.4 V (new battery)
 2.9...3.4 V (after 1 year storage at 20°C)

Conditions

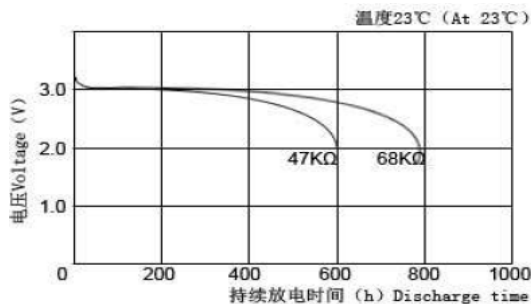
capacity
 rated: 30 mAh (discharge at 0.1mA constant current; 24hours/day
 End Voltage (EV): 2.0V)
 minimum: 27 mAh (discharge at 0.1mA constant current; 24hours/day
 EV: 2.0V)

Standard discharge time
 minimum: 160 h (at 18kΩ load (for QC measurement)
 EV: 2.0V)

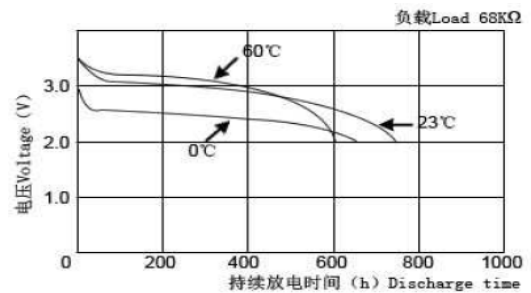
Discharge currents
 standard: 0.1 mA
 max. recommended current under continuous discharge: 1 mA
 max. recommended current under pulse discharge: 5 mA

Discharge diagrams:

Discharge Characteristics on Load



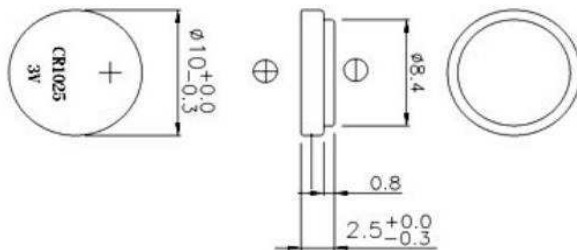
Discharge Characteristics on Temperature



shelf life: 10 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)

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

mechanical specifications:



nominal weight: 0.8 g



blister card dimensions: 56 x 71.5mm

weight: 2.6g (incl. battery)

	ANSMANN Specifications for model:	CR1025 Lithium Button Cell blister package
	data sheet no. / part no.	1516-0005
	supplier no.	702572
	author / date	TG / 13.03.2013