

battery type: Lithium Button Cell
battery size: CR1620
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
 all measurements at 22 ± 2°C ambient

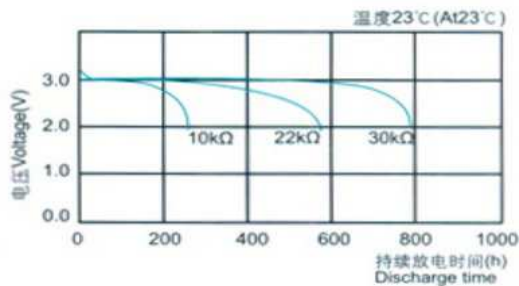
capacity
rated: 70 mAh (discharge at 0.1mA constant current; 24hours/day
 End Voltage (EV): 2.0V)
minimum: 65 mAh (discharge at 0.1mA constant current; 24hours/day
 EV: 2.0V)

Standard discharge time
minimum: 220 h (at 10kΩ load (for QC measurement)
 EV: 2.0V)

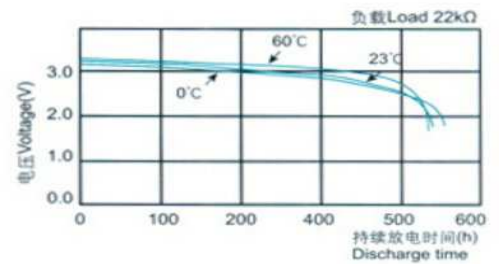
Discharge currents
standard: 0.1 mA
max. recommended current
 under continuous discharge: 2 mA
max. recommended current
 under pulse discharge: 10 mA

Discharge diagrams:

Discharge Characteristics on Load



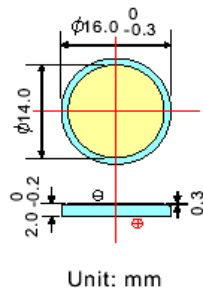
Discharge Characteristics on Temperature



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

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


mechanical specifications:



blister card
 dimensions:
 56 x 71.5mm

weight:
 3g (incl. battery)

nominal weight: 1.3 g

	ANSMANN Specifications for model:	CR1620 Lithium Button Cell blister package
	data sheet no. / part no.	5020072
	supplier no.	702572
	author / date	TG / 20.03.2013