

battery type: Lithium Button Cell
battery size: CR1620
chemical system: Lithium Manganese Dioxide

Conditions

nominal voltage: 3.0 V
open circuit voltage: 3.0...3.4 V
 2.9...3.4 V

new battery
 after 1 year storage at 20°C

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

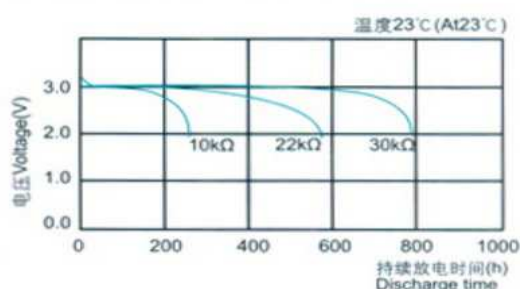
Discharge currents
standard: 0.1 mA

max. recommended current
 under continuous discharge: 2 mA

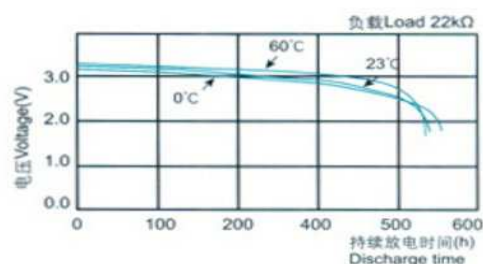
max. recommended current
 under pulse discharge: 10 mA

Discharge diagrams:

Discharge Characteristics on Load



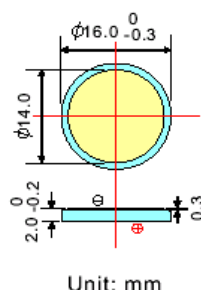
Discharge Characteristics on Temperature



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:

data sheet no. / part no.	5020072
supplier no.	702572
author / date	TG / 20.03.2013

CR1620 Lithium Button Cell blister package