

battery type: Lithium Button Cell
battery size: CR1632
chemical system: Lithium Manganese Dioxide

nominal voltage: 3.0 V
open circuit voltage: 3.2...3.4 V
 3.1...3.4 V

Conditions

new battery
 after 1 year storage at 20°C

all measurements at 22 ± 2°C ambient

capacity
 nominal: 125 mAh discharge at 30kΩ resistive load; 24hours/day
 End Voltage (EV): 2.0V
 minimal: 115 mAh discharge at 30kΩ resistive load; 24hours/day
 End Voltage (EV): 2.0V

Service Life

at 30kΩ load; 24hours/day

≥ 720 h EV: 2.0V new battery (tested within 60 days after production)
 ≥ 675 h EV: 2.0V after 12 months

standard discharge time ≥ 125 h at 3kΩ load (for QC measurement)

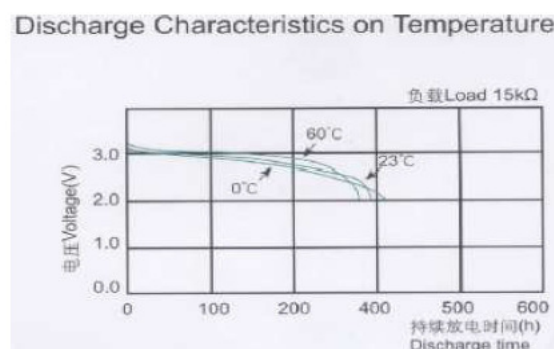
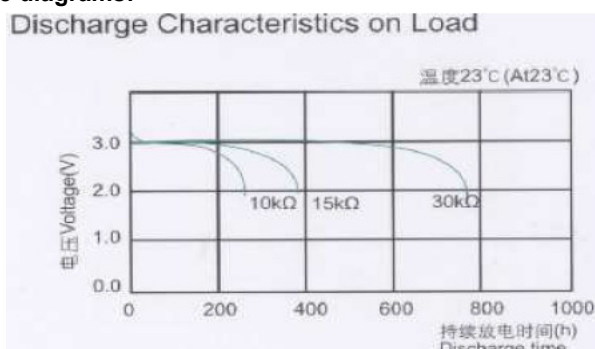
Discharge currents

standard: 0.1 mA

max. recommended current
 under continuous discharge: 2 mA

max. recommended current
 under pulse discharge: 10 mA

Discharge diagrams:

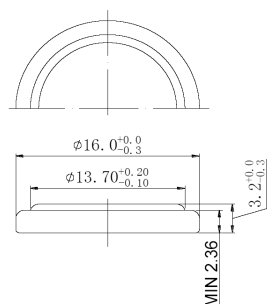


shelf life: 5 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)

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

example picture

mechanical specifications:



nominal weight: 1.7 g

blister card dimensions: 55 x 185 x 6mm
weight: approx. 12g (incl. batteries)



ANSMANN Specifications for model:

data sheet no. / part no. 1516-0102
 supplier no. 703385
 author / date TG / 10.04.2018

CR1632 Lithium Button Cell "HyCell"
5 pcs tear-off blister package