

battery type: Lithium Button Cell
battery size: CR2016
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

capacity
 nominal: 75 mAh discharge at 30kΩ resistive load; 24hours/day
 End Voltage (EV): 2.0V
 minimal: 70 mAh discharge at 30kΩ resistive load; 24hours/day
 End Voltage (EV): 2.0V

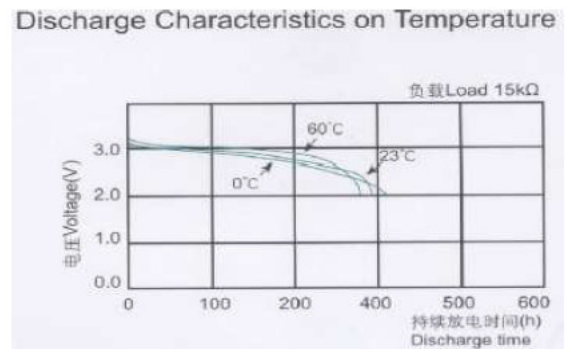
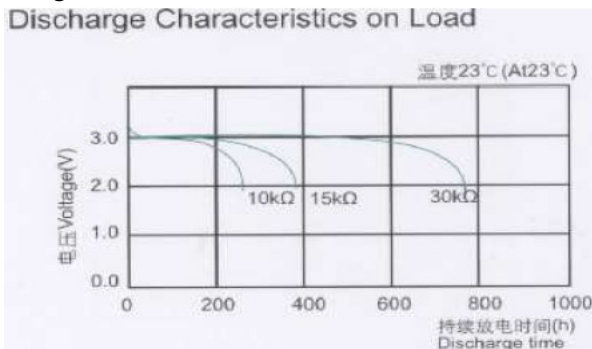
Service Life

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 ≥ 116 h at 4.7kΩ 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:

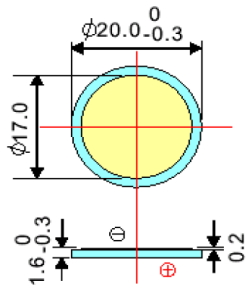


shelf life: 5 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)

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

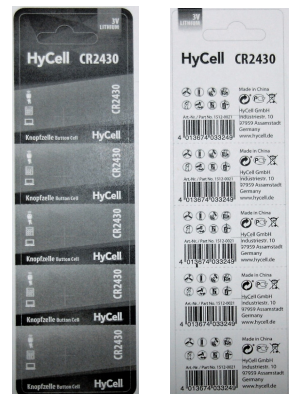
example picture

mechanical specifications:



Unit: mm
 1.7 g

nominal weight:



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

	ANSMANN Specifications for model:	CR2016 Lithium Button Cell "HyCell" 5 pcs tear-off blister package
	data sheet no. / part no.	1516-0103
	supplier no.	703385
	author / date	TG / 10.04.2018