

battery type: Lithium Button Cell
battery size: CR2430
chemical system: Lithium Manganese Dioxide

Conditions

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)

all measurements at 22 ± 2°C ambient

capacity rated: 275 mAh (discharge at 15kΩ resistive load; 24hours/day; End Voltage (EV): 2.0V)
minimum: 260 mAh (discharge at 15kΩ resistive load; 24hours/day; End Voltage (EV): 2.0V)

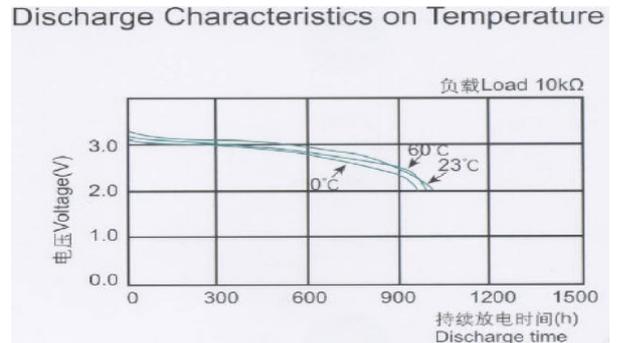
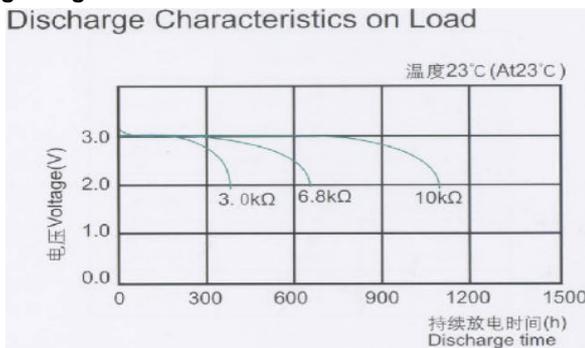
Service Life

at 15kΩ load; 24hours/day
 ≥ 1350 h (EV: 2.0V) (new battery (tested within 60 days after production))
 ≥ 1269 h (EV: 2.0V) (after 12 months)
 standard discharge time ≥ 180 h (at 2kΩ load (for QC measurement))

Discharge currents

standard: 0.4 mA
 max. recommended current under continuous discharge: 5 mA
 max. recommended current under pulse discharge: 20 mA

Discharge diagrams:



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

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

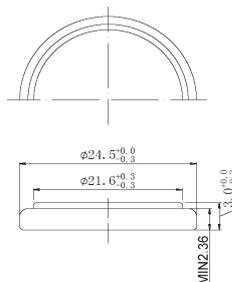
storage temperature: 0...30 °C (recommended)

mechanical specifications:

outer battery dimensions

diameter: 24.0mm +0/-0.3mm
 height: 3.0mm +0/-0.2mm

drawing



nominal weight: 4.0 g (approx.)

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| | ANSMANN Specifications for model: | Lithium Button Cell HyCell CR2430 |
| | data sheet no. / part no. | |
| | supplier no. | 703385 |
| | author / date | TG / 06.03.2019 |