

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

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

Conditions
 new battery
 after 1 year storage at 20°C
 all measurements at 22 ± 2°C ambient

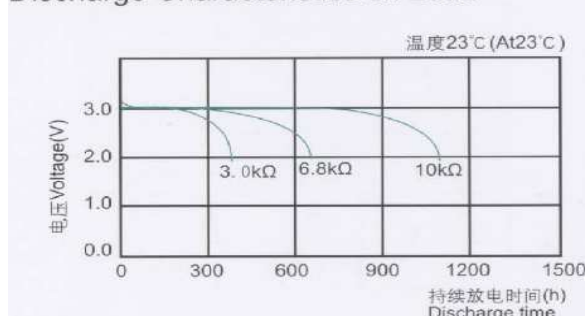
capacity
 rated: 300 mAh discharge at 0.4mA constant current; 24hours/day
 End Voltage (EV): 2.0V
 minimum: 270 mAh discharge at 0.4mA constant current; 24hours/day
 EV: 2.0V

Standard discharge time
 minimum: 275 h at 3kΩ load (for QC measurement)
 EV: 2.0V

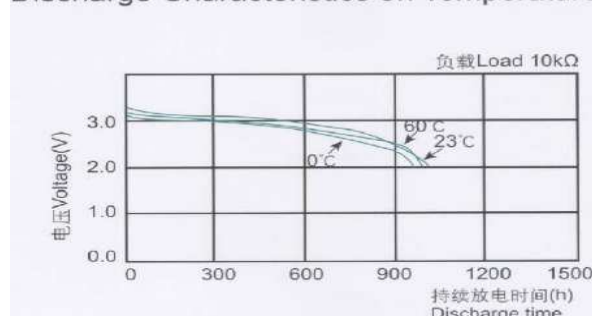
Discharge currents
 standard: 0.4 mA
 max. recommended current under continuous discharge: 5 mA
 max. recommended current under pulse discharge: 23 mA

Discharge diagrams:

Discharge Characteristics on Load



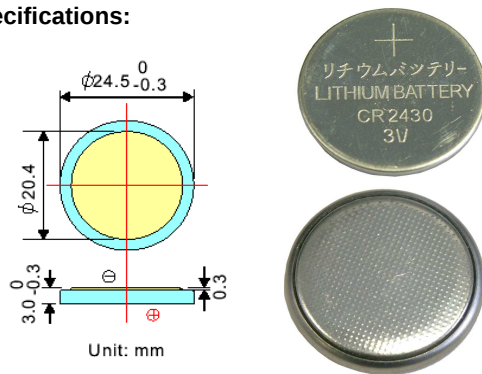
Discharge Characteristics on Temperature



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

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

mechanical specifications:



nominal weight: 4.3 g



blister card
 dimensions:
 56 x 71.5mm

weight:
 6g (incl. battery)



ANSMANN Specifications for model:

data sheet no. / part no.	5020092
supplier no.	702572
author / date	TG / 03.12.2010

CR2430 Lithium Button Cell blister package