

battery type: Lithium Button Cell
battery size: CR3032
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

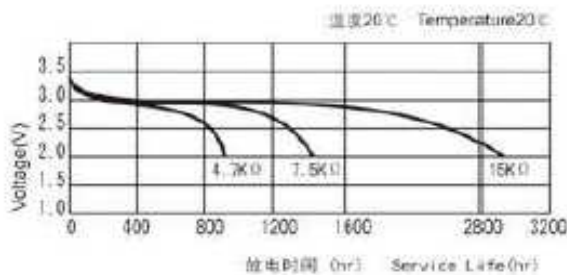
capacity
rated: 550 mAh (discharge under 7.5kΩ load; 24hours/day
 End Voltage (EV): 2.0V)
minimum: 520 mAh (discharge under 7.5kΩ load; 24hours/day
 End Voltage (EV): 2.0V)

Standard discharge time
minimum: 235 h (at 1.5kΩ load (for QC measurement)
 EV: 2.0V)

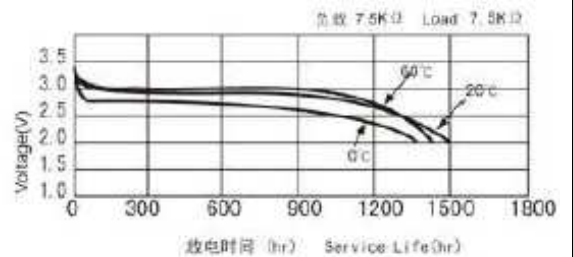
Discharge currents
standard: 0.4 mA
 max. recommended current under continuous discharge: 4 mA
 max. recommended current under pulse discharge: 30 mA

Discharge diagrams:

Discharge Characteristics on Load



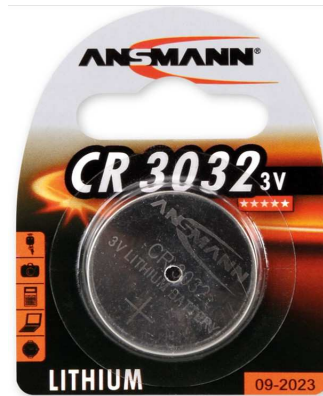
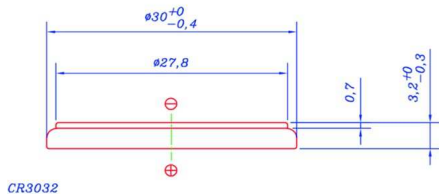
Discharge Characteristics on Temperature



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: 8.6g (incl. battery)

nominal weight: 6.8 g

	ANSMANN Specifications for model:	CR3032 Lithium Button Cell blister package
	data sheet no. / part no.	1516-0013
	supplier no.	702572
	author / date	TG / 15.04.2013