

battery type: Lithium Button Cell
battery size: CR2477
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: 1000 mAh continuous discharge at 7.5kΩ load; 24hours/day
 End Voltage (EV): 2.0V

minimum: 900 mAh continuous discharge at 7.5kΩ load; 24hours/day
 End Voltage (EV): 2.0V

Standard discharge time
minimum: 180 h at 620Ω load (for QC measurement)
 EV: 2.0V

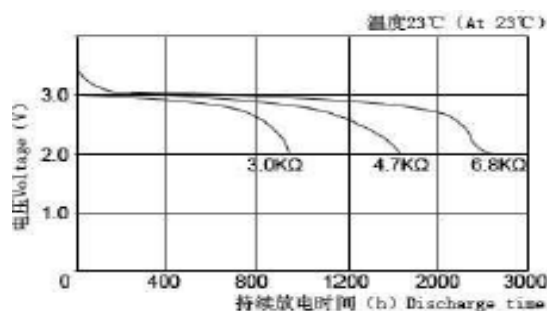
Discharge currents
standard: 0.4 mA

max. recommended current
 under continuous discharge: 3 mA

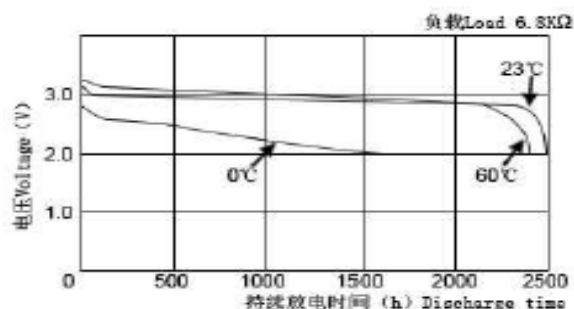
max. recommended current
 under pulse discharge: 20 mA

Discharge diagrams:

Discharge Characteristics on Load



Discharge Characteristics on Temperature

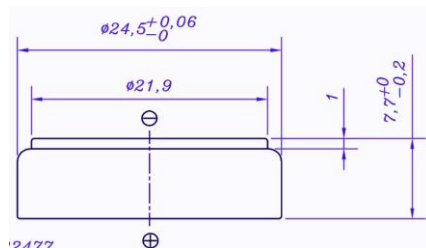


shelf life: 10 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)

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

mechanical specifications:

dimensions in mm



nominal weight: 10.0 g



blister card
 dimensions:
 56 x 71.5mm

weight:
 11.8g (incl. battery)



ANSMANN Specifications for model:

data sheet no. / part no.	1516-0010
supplier no.	702572
author / date	TG / 06.05.2015

CR2477 Lithium Button Cell blister package