

**battery type:**  
**battery size:**  
**chemical system:**

Lithium Button Cell  
 CR2025  
 Lithium Manganese Dioxide



<https://www.mega-piles.com/>

**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: 160 mAh

discharge at 15kΩ resistive load; 24hours/day  
 End Voltage (EV): 2.0V

minimum: 150 mAh

discharge at 15kΩ resistive load; 24hours/day  
 End Voltage (EV): 2.0V

#### Service Life

at 15kΩ load; 24hours/day

≥ 780 h EV: 2.0V new battery (tested within 60 days after production)  
 ≥ 750 h EV: 2.0V after 12 months  
 standard discharge time ≥ 100 h at 2kΩ load (for QC measurement)

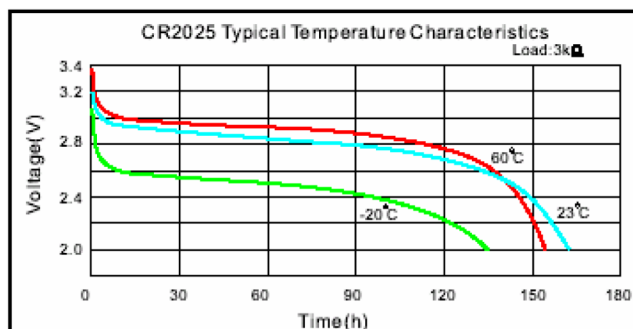
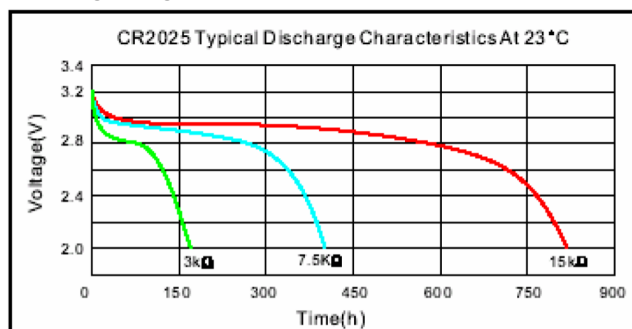
#### Discharge currents

standard: 0.2 mA

max. recommended current  
 under continuous discharge: 3 mA

max. recommended current  
 under pulse discharge: 15 mA

#### Discharge diagrams:



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

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

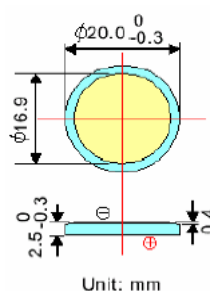
**storage temperature:** 0...30 °C (recommended)

#### mechanical specifications:

outer battery dimensions

diameter: 20.0mm +0/-0.3mm  
 height: 2.5mm +0/-0.2mm

drawing



**nominal weight:** 2.5 g (approx.)

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#### ANSMANN Specifications for model:

data sheet no. / part no.

supplier no.

author / date

**Lithium Button Cell**  
**HyCell CR2025**

703385

TG / 16.01.2020