

cell chemistry: Li-Ion
cell size: AAA (10430)
cell type: round cell

Conditions

nominal output voltage: 1.5 V

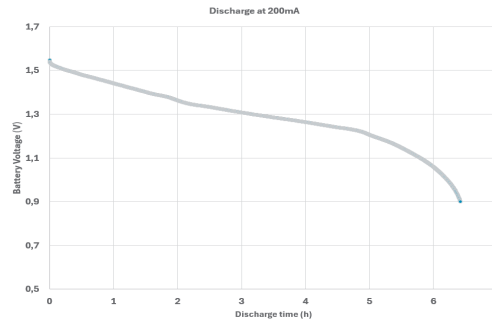
capacity

nominal: 1400 mAh discharge at 0.2C (280mA)
 1200 mAh discharge at 0.5C (700mA)
 minimum: 1250 mAh discharge at 0.2C
 ta: 20°C; EV(Discharge End Voltage): 0.9V

discharge

max. continuous discharge current: 1500 mA
 peak discharge current: 2 A < 1min
 nom. discharge current: 280 mA

discharge diagram:
(200mA constant)



charge

supply voltage: 5 V ± 0.25V
 charge current: 100 mA ± 10%
 charge time: 4.75 h ± 0.5h

built-in li-ion battery: 3.85 V / 500mAh
 energy: 1.93 Wh

output protection functions

overload cut-off current: 2 A ± 0.3A
 short circuit protection: yes
 deep discharge protection cut-off voltage of int. battery: 2.6 V ± 0.3V

internal resistance (DC): 50...80 mOhms

life time expectance

(C>70% of min. capacity) ≥ 1500 cycles at 0.2C discharge rate

self discharge:

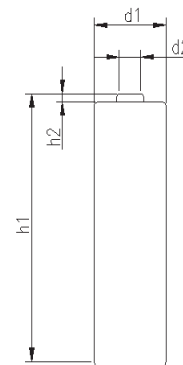
≤ 2 %/month at 20°C
 ≤ 5 %/month at 30°C
 ≤ 10 %/month at 40°C

ambient temperature range:

0...45 °C charge
 - 20...60 °C discharge
 storage time (full battery):
 - 20...25 °C max. 36 months
 - 20...45 °C max. 12 months

mechanical specifications

cell dimensions (incl. sleeve)
 diameter d1: 10.5 - 0.7 mm
 diameter d2: 3.2 ± 0.5 mm
 height h1: 44.5 - 1 mm
 height h2: 1.3 ± 0.5 mm
 weight: 9 ± 1 g



	ANSMANN Specifications for model:	AAA (10430) Li-Ion Battery 1.5V 1400mAh
	data sheet no. / part no.	1311-0034
	s.n.	705163
	author / date	TG / 20.04.2026