

battery type: Alkaline Manganese Dioxide (mercury free)
battery size: LR41; LR736; AG3; 192; 392
chemical system: Zn / KOH-H₂O / MnO₂

Conditions

nominal voltage: 1.5 V
open circuit voltage: 1.52...1.63 V new battery
 1.50...1.63 V after 1 year storage at 20°C

all measurements at 22 ± 2°C ambient

capacity rated: 35 mAh discharge at 22kΩ load; 24hours/day
 End Voltage (EV): 0.9V

minimum: 30 mAh discharge at 22kΩ load; 24hours/day
 End Voltage (EV): 0.9V

Service Life

nominal: 590 h at 22kΩ load new battery
 EV: 0.9V (tested within 60 days after production)

MAD: 505 h at 22kΩ load new battery
 (minimum average duration) 375 h EV: 0.9V (tested within 60 days after production)
 EV: 1.2V

455 h at 22kΩ load after 12 months storage at room temperature
 EV: 0.9V
 345 h EV: 1.2V

≥ 155 h at 6.8kΩ load for IQC measurement
 EV: 0.9V

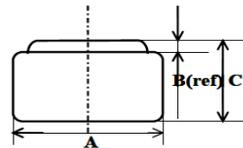
shelf life: 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)
 ≥90 % remaining capacity after 12 months storage

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

mechanical specifications:

dimensions: 7.9 x 3.6mm nominal

Dimensions	Unit:mm
A	7.75-7.90
B	0.40(ref)
C	3.40-3.60



nominal weight: 0.6 g

main applications: watch
 photo
 electronic

	ANSMANN Specifications for model:	Alkaline Button Cell HyCell LR41 (AG3)
	data sheet no. / part no.	
	supplier no.	703385
	author / date	TG / 07.03.2019