

battery type: Alkaline Manganese Dioxide (mercury free)
battery size: LR44; LR1154; AG13; A76; 357
chemical system: Zn / KOH-H₂O / MnO₂

nominal voltage: 1.5 V
open circuit voltage: 1.57...1.63 V (new battery)
 1.53...1.63 V (after 1 year storage at 20°C)
Conditions: all measurements at 22 ± 2°C ambient

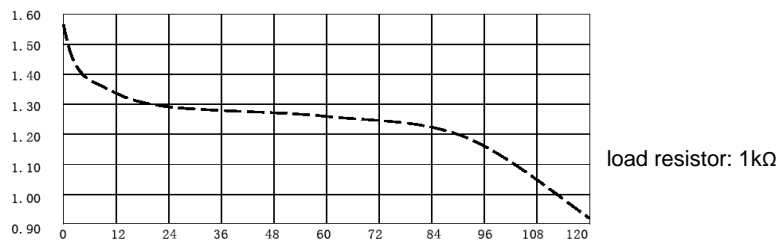
capacity rated: 145 mAh (discharge at 6.8kΩ load; 24hours/day; End Voltage (EV): 0.9V)
minimum: 135 mAh (discharge at 6.8kΩ load; 24hours/day; End Voltage (EV): 0.9V)

Service Life

nominal:	760 h	at 6.8kΩ load EV: 0.9V	new battery (tested within 60 days after production)
MAD: (minimum average duration)	720 h 540 h	at 6.8kΩ load EV: 0.9V EV: 1.2V	new battery (tested within 60 days after production)
	650 h 495 h	at 6.8kΩ load EV: 0.9V EV: 1.2V	after 12 months storage at room temperature
	≥ 100 h	at 1kΩ load EV: 0.9V	for IQC measurement

Discharge diagram:

Typical Discharge Characteristics at 20° c



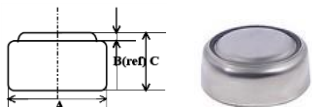
shelf life: 3 years (under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%))
 ≥90 % remaining capacity after 12 months storage

operating temperature: -20...60 °C
storage temperature: 5...25 °C (recommended)

mechanical specifications:

cell dimensions: 11.6 x 5.4mm nominal

Dimensions	Unit:mm
A	11.40-11.60
B	0.50(ref)
C	5.10-5.40



nominal weight: 1.9 g
main applications: watch, photo, electronic
blister card dimensions: 56 x 71.5mm
weight: 3.8g (incl. battery)

	ANSMANN Specifications for model:	LR44 (AG13, 357) Alkaline Button Cell "Hg free" blister package
	data sheet no. / part no.	5015303
	supplier no.	703385
	author / date	TG / 08.03.2016

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice