nominal voltage: 1.5V  
off load voltage: 1.55...1.62V

conditions

capacity:
nominal: 50mAh
continuous discharge at 20° C
under 15kohms load, end-point voltage 1,2V

electrical characteristics:
≥ 1.53V off load voltage
≥ 1.52V on load voltage, under 6.8Kohms load, measuring time 0.3s

(new battery)

service output:
520h new battery (tested within 30 days after delivery)
470h after 12 months storage at room temperature

discharge load 15Kohms, daily discharge time 24h,
end-point voltage 1,2V

shelf life:
12months after delivery, under proper storage conditions
90% of the capacity will be maintained after 12 months storage

safety characteristics
short circuit: no explosion at 20° C, short circuit period 24h
shall be

chemical system: Zinc-Manganese Dioxide (Potassium Hydroxide Electrolyte)

discharge diagram:

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

specifications for model/type: Alkaline Button Cell LR54

Ansmann drawing number / part number: 5015313

author / date: Gramlich / 30.01.2008

weight incl. blister: 2.5g