

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

Conditions

nominal voltage: 1.5 V
open circuit voltage: 1.57...1.63 V new battery
 1.55...1.63 V after 1 year storage at 20°C

all measurements at 22 ± 2°C ambient

capacity rated: 140 mAh discharge at 6.8kΩ load; 24hours/day
 End Voltage (EV): 1.0V

minimum: 120 mAh discharge at 6.8kΩ load; 24hours/day
 End Voltage (EV): 1.0V

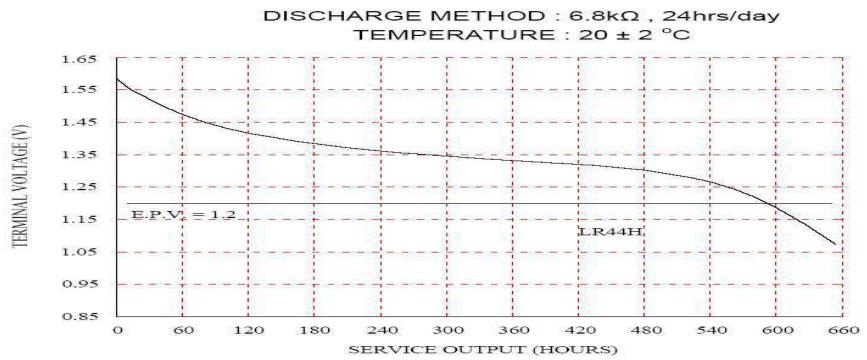
Service Output

nominal: 560 h at 6.8kΩ load new battery
 EV: 1.2V

minimum: 480 h dto. tested within 30 days after delivery
 450 h dto. after 12 months storage at room temperature

≥78 h for IQC measurement
 at 1kΩ load
 EV: 1.0V

Discharge diagrams:



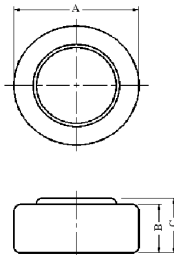
shelf life: 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)
 ≥90 % of the capacity will remain after 12 months storage

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

mechanical specifications:

dimensions:

A	11.25... 11.60 mm
B	4.50... 4.80 mm
C	5.00... 5.40 mm



nominal weight: 2.0 g



blister card
 dimensions:
 85 x 120mm
 weight:
 12g (incl. batteries)

	ANSMANN Specifications for model:	4 x LR44 Alkaline Button Cell Hycell blister package
	data sheet no. / part no.	1516-0024
	supplier no.	701381
	author / date	TG / 17.06.2013