

**battery type:** Alkaline Manganese Dioxide  
**battery size:** LR44; LR1154; AG13; A76; 357  
**chemical system:** Zn / KOH-H<sub>2</sub>O / MnO<sub>2</sub>

**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

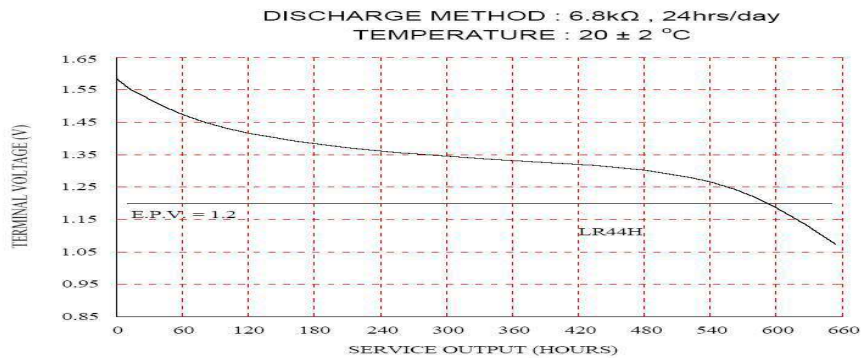
**Service Output**

**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:**



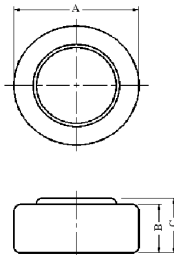
**shelf life:** 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)  
 ≥90 % of the capacity will remain after 12 months storage

**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)

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