

**battery type:** Alkaline Manganese Dioxide  
**battery size:** A27 (27A)  
**chemical system:** Zn / KOH-H<sub>2</sub>O / MnO<sub>2</sub>

**Conditions**

**nominal voltage:** 12 V  
**open circuit voltage:** 12.3...12.9 V new battery  
 12.2...12.9 V after 1 year storage at 20°C

all measurements at 22 ± 2°C ambient

**capacity rated:** 20 mAh discharge under 20kΩ load; 24hours/day  
 End Voltage (EV): 6.0V

**minimum:** 18 mAh discharge under 20kΩ load; 24hours/day  
 End Voltage (EV): 6.0V

**Standard discharge time**

**nominal:** 38 h at 20kΩ load new battery  
 EV: 6.0V

**minimum:** 35 h for QC measurement (at 20kΩ load; E.V.6.0V)  
 tested within 30 days after delivery  
 32 h after 12 months storage at room temperature

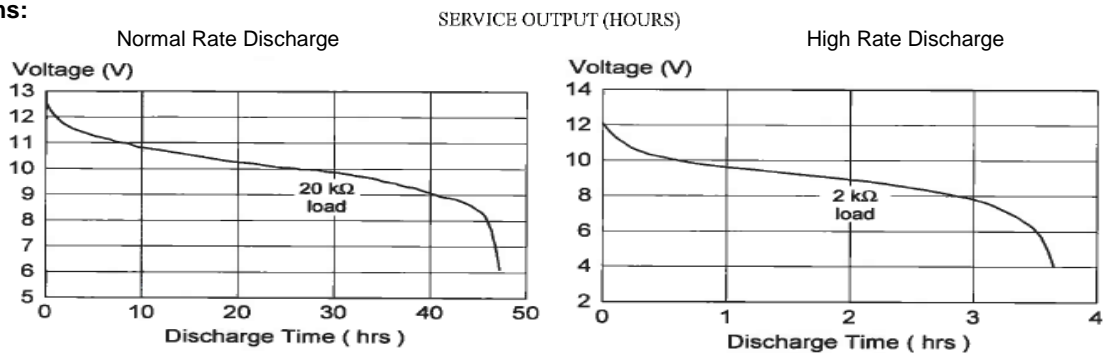
**Discharge currents**

**standard:** 0.06 mA

**max. recommended current under continuous discharge:** 0.5 mA

**max. recommended current under pulse discharge:** 5 mA

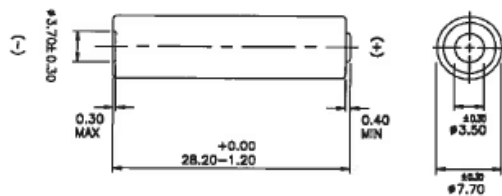
**Discharge diagrams:**



**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:**



unit: mm

**nominal weight:** 4.4 g



blister card  
 dimensions:  
 55 x 70mm  
 weight:  
 6.2g (incl. battery)

	<b>ANSMANN Specifications for model:</b>	<b>A27 Alkaline Battery blister package</b>
	data sheet no. / part no.	1516-0001
	supplier no.	701381
	author / date	TG / 18.06.2013