



**THE DATASHEET OF  
1500-0003-XX**



**battery type:** Zinc-Carbon (electrolyte: Ammonium Chloride)  
**battery size:** IEC: 4R25X; ANSI: 908CD  
**chemical system:** Zn / NH<sub>4</sub>Cl - ZnCl<sub>2</sub> - H<sub>2</sub>O / MnO<sub>2</sub>

**Conditions**

**nominal voltage:** 6 V  
**open circuit voltage (OCV):** 6.3...6.8 V  
 6.2...6.8 V  
**closed circuit voltage (CCV):** ≥ 6.0 V  
 ≥ 5.8 V  
 ≥ 5.6 V

new battery\*  
 after 1 year storage at 20°C  
 new battery\*  
 measured at 15.6Ω load within 0.3s  
 after 6 months storage at 20°C  
 after 1 year storage at 20°C

**capacity**

**nominal:** 9.0 Ah  
**minimum:** ≥ 1000 min  
 (for IQC measurement)

all measurements at 20°C ambient  
 at 10mA load; 24h/d; E.V.: 3.6V  
 load resistor 15.6Ω; discharge time 24h/d; E.V.: 3.6V  
 new battery\*

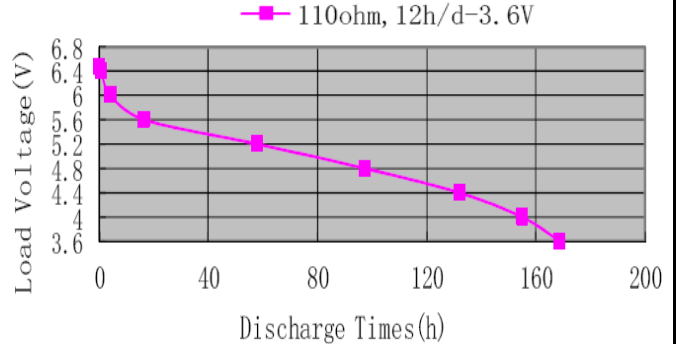
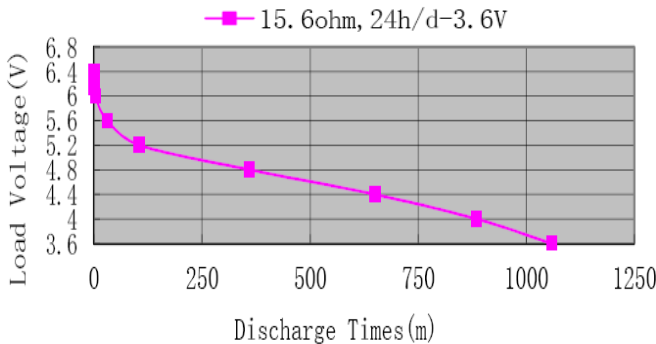
**service life (MAD, initial)**

**portable lighting test:** ≥ 400 min  
**portable lighting test:** ≥ 360 min  
**road warning lamps test:** ≥ 155 h  
 ≥ 6.5 Ah

tests acc. IEC60086-2  
 load resistor 8.2Ω; discharge time 30m/d  
 E.V.: 3.6V  
 load resistor 9.1Ω; discharge time 30m/h, 8h/d  
 E.V.: 3.6V  
 load resistor 110Ω; discharge time 12h/d  
 E.V.: 3.6V  
 at 42mA constant current discharge; E.V.: 3.6V

\*within 30days after production

**discharge diagrams:**



**shelf life:** 3 years under proper storage conditions

**leakage resistance**

**over discharge:** no leakage  
**high temperature:** no leakage

15.6ohms continuous discharge to 2.4V; ta: 20°C; RH: < 70%  
 store 30days at ta: 45°C; RH:90±5%

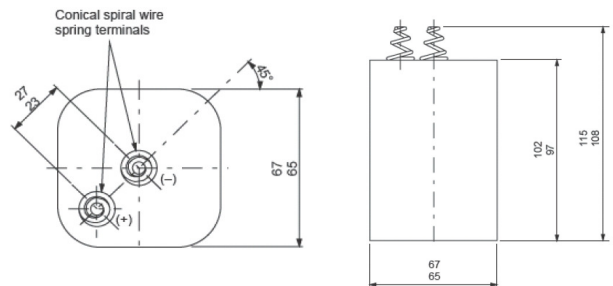
**ambient temperature range:**

**recommended storage conditions:** 5...25 °C  
 45...75 %

operation  
 ambient temperature  
 rel. humidity

**mechanical specifications**

**cell dimensions**  
**length:** 67.0 - 2.0 mm  
**width:** 67.0 - 2.0 mm  
**height (incl. terminals):** 115.0 - 7.0 mm  
**height (case):** 102.0 - 5.0 mm  
**weight:** 495 ± 10 g



	<b>ANSMANN Specifications for model:</b>	<b>Super Heavy Duty Blockbattery</b> <b>4R25 6V / 9Ah</b>
	data sheet no. / part no.	
	supplier no.	704416
	author / date	TG / 12.09.2018

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