

battery type:
battery size:
chemical system:

Zinc-Air button cell (hearing aid battery)
 A675; PR44
 Zinc - Air / Zn-O₂



<https://www.mega-piles.com/>

nominal voltage: 1.45 V
open circuit voltage: 1.35...1.45 V
 1.35...1.45 V

Conditions

new battery (pull off tap min. 30 minutes before measurement)
 after 1 year storage at 20°C

capacity

typical: 620 mAh
 minimum: 555 mAh

all measurements at 22 ± 2°C ambient
 discharge at 620Ω load; discharge 24hours/day
 End Voltage (EV): 0.9V

Standard discharge time

minimum: 265 h ditto (for QC measurement)

Discharge current

standard: ≤ 4.0 mA
 available current: 16.0 mA at 1.1V

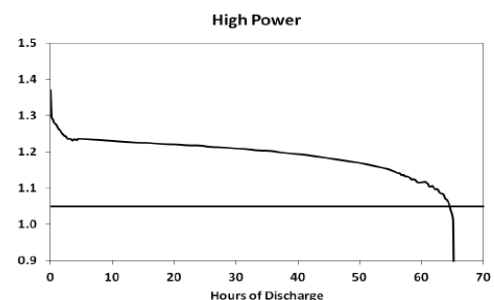
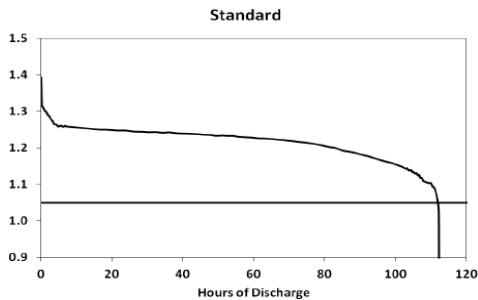
impulse load voltage: ≥ 1.1 V measured after 2s load
 load resistance 68Ω

impedance: ≤ 2 Ω measured at 1kHz

Discharge diagram:

ANSI/IEC Hearing Aid Standard Test 111 hours – 5 mA background, 15 mA 100 ms pulse, once every 2 hours, 12 hours/day to 1.05V at 70°F (21° C) and 50% RH.

ANSI/IEC Hearing Aid High Power Test 63 hours – 8 mA background, 24 mA 100 ms pulse, once every 2 hours, 12 hours/day to 1.05V at 70°F (21° C) and 50% RH.



shelf life: 4 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)

operating temperature range: 0...50 °C

mechanical specifications:

dimensions:



Volume: 0.56 cm³

Nominal weight: 1.79 g

	ANSMANN Specifications for model:	A675 Hearing Aid Battery
	data sheet no. / part no.	Zinc-Air "mercury free"
	supplier no.	703619
	author / date	TG / 28.08.2018