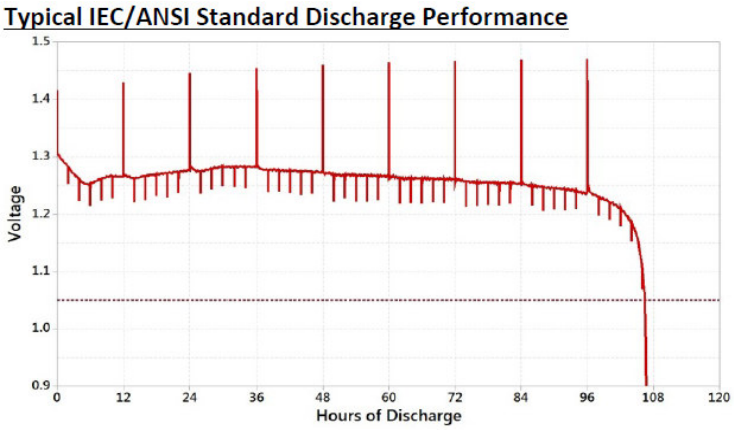
battery type:			Zinc-Air button cell (hearing aid battery)
battery size:			A675; PR44
chemical system:			Zinc - Air / $Zn\text{-}O_2$
			Conditions
nominal voltage:	1.45	V	
open circuit voltage:	1.35...1.45	V	new battery (pull off tap min. 30 minutes before measurement)
	1.35...1.45	V	after 1 year storage at 20°C
capacity			all measurements at 22 ± 2°C ambient; R.H 50%
typical:	620	mAh	discharge at 620Ω load; discharge 24hours/day End Voltage (EV): 0.9V
Discharge performance			
IEC / ANSI Standard	typ. 112	h	5mA background, 15mA 100ms pulse, once every 2h, 12h/d, EV: 1.05V
	min. 107	h	(for QC measurement, without 15mA 100ms pulse)
IEC / ANSI High Drain	typ. 62	h	8mA background, 24mA 100ms pulse, once every 2h, 12h/d, EV: 1.05V
	min. 58	h	(for QC measurement, without 10mA 100ms pulse)

Test standards accord. IEC 60086-1, IEC 60086-2, ANSI C18.1M Parts 1&2

impulse load voltage:	≥ 1.1	V	measured after 2s load load resistance 68Ω
impedance:	≤ 4	Ω	measured at 1kHz

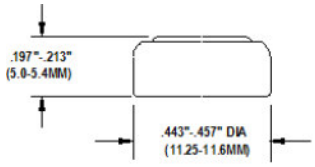
Discharge diagram:



shelf life:	4	years	under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)
operating temperature range:	-10....50	°C	
storage temperature range:	10…30	°C	(recommended)

mechanical specifications:

dimensions:





Volume:	0.56	cm^3
Nominal weight:	1.79	g

ANSMANN	**ANSMANN Specifications for model:**	**A675 Hearing Aid Battery Zinc-Air "mercury free"**
	data sheet no. / part no.	
	supplier no.	704652
	author / date	TG / 06.08.2026

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice