battery type: battery size: chemical system:		Zinc-Air butto A312; PR41 Zinc - Air / Zn	n cell (hearing aic I-O <sub>2</sub>	d battery)		
		Conditions				
nominal voltage: open circuit voltage	1.45 V : 1.351.45 V 1.351.45 V	new battery (pull off tap min. 30 minutes before measurement) after 1 year storage at 20°C				
capacity	apacity all r			all measurements at 22 $\pm$ 2°C ambient		
typical:	180 mAh	discharge at 1.5kΩ load; discharge 24hours/day End Voltage (EV): 0.9V				
minimum:	155 mAh	ditto				
Standard discharge minimum:	<b>time</b> 175 h	ditto	(for QC measu	rement)		
Discharge current standard:	≤ 1.5 mA					
available current:	6.0 mA	at 1.1V				
impulse load voltage	e: ≥1.1 V	measured after 2s load load resistance $200\Omega$				
impedance:	≤5 Ω	measured at	1kHz			
Discharge diagram:						
Standard Test o	43 hours – 1.2 mA background, ! nce every 2 hours, 12 hours/day 21° C) and 50% RH.		ANSI/IEC Hearing Aid High Power Test	84 hours – 2 mA background, 10 mA 100 ms pulse, once every 2 hours, 12 hours/day to 1.05V at 70°F (21° C) and 50% RH.		
	Standard			High Power		
1.5			1.5			
1.4			1.4			
1.2			1.3			
1.1			1.1			
1.0 -			1.0 -			
0.9 0 20 40	60 80 100 120 14	D 160	0.9			
Hours of Discharge shelf life: 4 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)						
operating temperature range: 050 °C						
mechanical specific	ations:			AN-MANN'		
dimensions:	I			HEARING AID		
	.128"142"	<u></u>	_	HÖRGERÄTEBATTERIEN		
	(3.25-3.6MM)		+	Mercury Mercury Mercury		
	.297"311" DIA (7.55-7.9MM)	<b> </b>				
Volume:	0.17 cm <sup>3</sup>					
Nominal weight:	0.50 g					
Blister card						
dimensions:	44 x 84 mm			6 BATTERNE 312		
	ANSMANN S	ANSMANN Specifications		A312 Zinc Air Battery "mercury free" 6pcs blister package		
data sheet no.		/ part no.		5013233		
	supplier no.			703619		
	author / date			TG / 23.03.2015		

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