

		Conditions	Diagrams
<b>cell type:</b>	NiMH		<b>-Charge characteristics</b> 
<b>cell size:</b>	AAA		
<b>nominal voltage:</b>	1.2 V		<b>-Discharge characteristics</b> 
<b>max. charge voltage:</b>	1.5 V	at standard charge (0.1C / 20°C)	
<b>capacity</b>			<b>-Capacity retention characteristics</b> 
<b>nominal:</b>	800 mAh	discharge at 0.2C	
<b>minimum:</b>	800 mAh	discharge at 0.2C	<b>-Capacity retention characteristics</b> 
	760 mAh	discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
<b>max. continuous discharge current:</b>	1600 mA	ta: 0...45°C	
<b>charge</b>	current	time	
standard charge:	80 mA	14...16hrs	
quick charge:	250 mA	4hrs	
fast charge:	800 mA	1.1hrs	
recommended charge termination control parameters:	0...5 mV 0.8...1 °C 45...50 °C	- delta V temperature rise per minute TCO (temperature cut off)	
trickle charge current:	8...30 mA	(recommended)	
continuous overcharge: (less than 1 year)	≤ 80 mA	no conspicuous deformation no leakage	
<b>internal resistance:</b> (impedance)	≤ 45 mΩ	at 1KHz battery fully charged	
<b>life expectancy:</b>	≥ 500 cycles	acc. IEC standard	
<b>self discharge</b>			
charge retention:	≥ 75 %	after 12 months storage at 20°C	
<b>initial capacity:</b>	≥ 550 mAh	within 30 days after delivery discharge at 0.2C	
<b>ambient temperature range:</b>	0...45 °C 10...40 °C - 20...55 °C - 20...50 °C - 20...40 °C - 20...30 °C	standard charge fast charge discharge storage (≤3months) storage (≤6months) storage (≤24months)	
<b>QCT1:</b>	20/700/50		
<b>QCT2:</b>	30/600/50		
<b>mechanical specifications</b>			
cell dimensions (incl. label)			
diameter d1:	10.5 - 0.3 mm		
diameter d2:	5.0 ± 1 mm		
height h1:	44.5 - 1.5 mm		
height h2:	0 + 1 mm		
weight:	12 ± 2 g		

	<b>ANSMANN Specifications for model:</b>	<b>AAA - 800mAh NiMH RTU battery</b>
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Manufacturer reserves the right to alter or amend the design, model and specification without prior notice