

		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 retention characteristics</b> 
<b>capacity</b>			
nominal:	800	mAh	<b>-Capacity retention characteristics</b> 
minimum:	800	mAh	
	760	mAh	
		discharge at 0.2C	
		discharge at 0.2C	
		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	- delta V
	0.8...1	°C	temperature rise per minute
	45...50	°C	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	standard charge
	10...40	°C	fast charge
	- 20...65	°C	discharge
	- 20...50	°C	storage (≤3months)
	- 20...40	°C	storage (≤6months)
	- 20...30	°C	storage (≤24months)
QCT1:	20/700/50		
QCT2:	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
			battery shrunk with green shrink tube soldering tags in Z-shape; plated battery packed in PE bag

	<b>ANSMANN Specifications for model:</b>	<b>AAA - 800mAh NiMH RTU battery Flat Top with tags packed in PE bag</b>
	data sheet no. / part no.	2311-3003
	supplier no.	701344
	author / date	TG / 04.04.2013

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