

		Conditions		Diagrams	
cell type:		NiMH			
cell size:		AAA			
nominal voltage:	1.2	V			
max. charge voltage:	1.5	V	at standard charge (0.1C / 20°C)		
capacity nominal:	800	mAh	discharge at 0.2C		
capacity minimum:	800	mAh	discharge at 0.2C		
	760	mAh	discharge at 1C		
			1.0V end discharge voltage		
			ta: 20°C		
max. continuous discharge current:	1600	mA	ta: 0...45°C		
charge 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		
internal resistance: (impedance)	≤ 45	mΩ	at 1KHz battery fully charged		
life expectancy:	≥ 500	cycles	acc. IEC standard		
self discharge charge retention:	≥ 75	%	after 12 months storage at 20°C		
initial capacity:	≥ 550	mAh	within 30 days after delivery discharge at 0.2C		
ambient temperature range:	0...45	°C	standard charge		
	10...40	°C	fast charge		
	- 20...55	°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				
mechanical specifications					
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		


ANSMANN Specifications for model:

data sheet no. / part no.

supplier no.

author / date

**AAA - 800mAh NiMH RTU battery
Flat Top with tags packed in PE bag**

2311-3003

701344

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