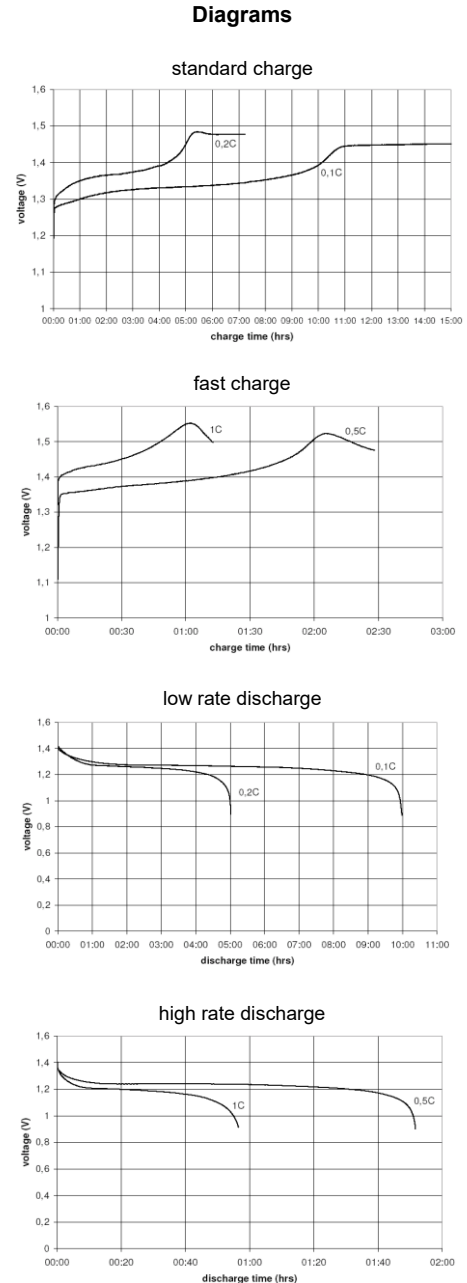
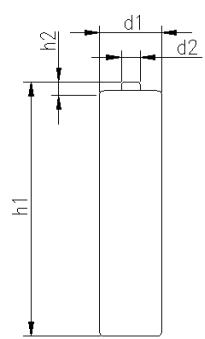


		Conditions	
cell type:	NiMH		
cell size:	AAA		
nominal voltage:	1.2 V	at standard charge (0.1C / 20°C)	
max. charge voltage:	1.5 V		
capacity			
nominal:	800 mAh	discharge at 0.2C	
minimum:	800 mAh	discharge at 0.2C	
	750 mAh	discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
max. continuous discharge current:	2400 mA	ta: 0...45°C	
charge	current	time	
standard charge:	80 mA	14...16hrs	
quick charge:	240 mA	4hrs	
fast charge:	800 mA	1.1hrs	
recommended charge termination control parameters:	0...5 mV 0.8...1 °C 45...50 °C	-ΔV (-delta V) temperature rise per minute TCO (temperature cut off)	
trickle charge current:	8...25 mA	(recommended)	
continuous overcharge: (less than 1 year)	≤ 80 mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 60 mΩ	at 1KHz battery fully charged	
life expectancy:	≥ 500 cycles	acc. IEC standard	
self discharge			
charge retention:	≥ 80 %	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 10...40 °C - 20...65 °C - 20...50 °C - 20...40 °C - 20...30 °C	standard charge fast charge discharge storage (≤3months) storage (≤6months) storage (≤24months)	



QCT1:	20/750/60
QCT2:	30/700/60
mechanical specifications	
cell dimensions	
diameter d1:	10.3 - 0.7 mm
diameter d2:	max. 3.8 mm
height h1:	44.5 - 1.5 mm
height h2:	min. 0.8 mm
weight:	12.5 ± 2 g



ANSMANN Specifications for model:		NiMH Battery
		AAA - 800mAh low self discharge
data sheet no. / part no.	5030981	
supplier no.	702069	
author / date	TG / 13.07.2018	

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