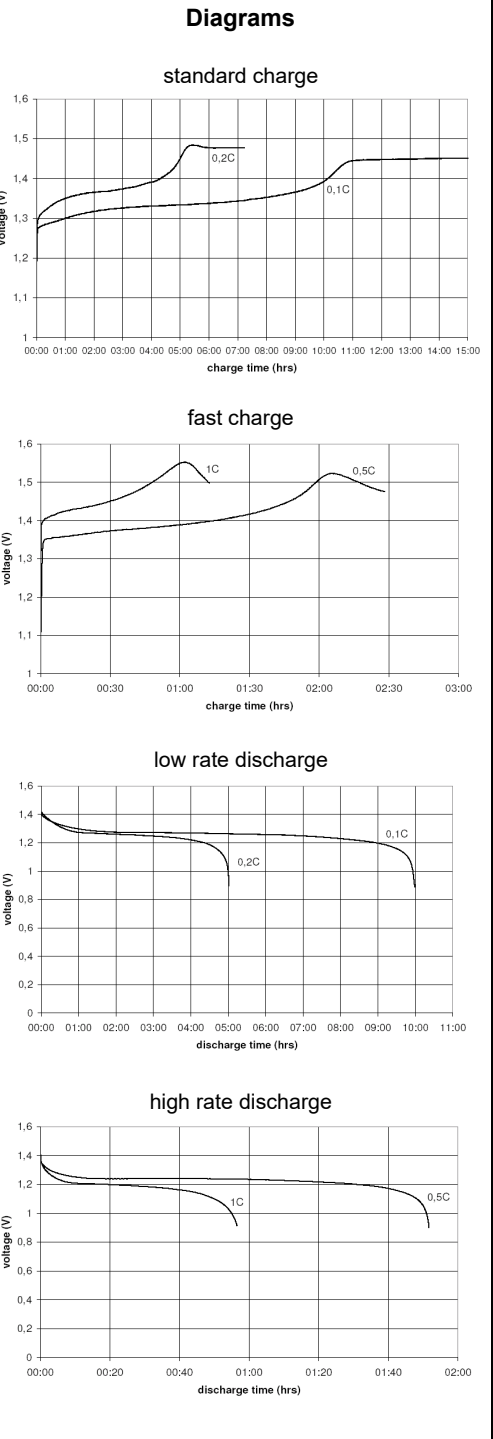
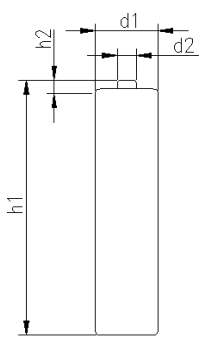


		Conditions	
cell type:	NiMH		
cell size:	AAA		
nominal voltage:	1.2 V		
max. charge voltage:	1.5 V	at standard charge (0.1C / 20°C)	
capacity			
nominal:	550 mAh	discharge at 0.2C	
minimum:	550 mAh	discharge at 0.2C	
	500 mAh	discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
max. continuous discharge current:	1650 mA	ta: 0...45°C	
charge		current	time
standard charge:	55 mA	170 mA	14....16hrs
quick charge:	170 mA	550 mA	4hrs
fast charge:	550 mA		1.1hrs
recommended charge termination control parameters:	0...5 mV 0.8...1 °C 45...50 °C	- ΔV (-deltaV) temperature rise per minute TCO (temperature cut off)	
trickle charge current:	5...15 mA	(recommended)	
continuous overcharge: (less than 1 year)	≤ 55 mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 50 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:	≥ 400 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: 20/500/50
QCT2: 30/450/55

mechanical specifications			
cell dimensions			
diameter d1:		10.5 - 0.7	mm
diameter d2:	max.	3.8	mm
height h1:		44.5 - 1.5	mm
height h2:	min.	0.8	mm
weight:		11.5 ± 2	g



	ANSMANN Specifications for model:	AAA - 550mAh low self discharge 4pcs blister package
	data sheet no. / part no.	5030772
	supplier no.	702069
	author / date	TG / 04.07.2018

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