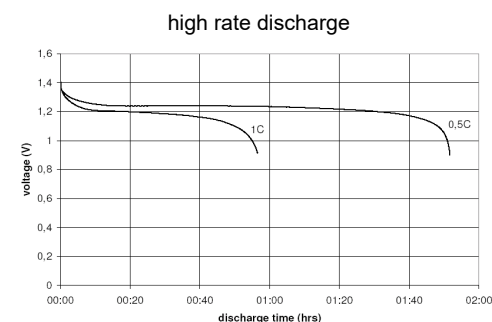
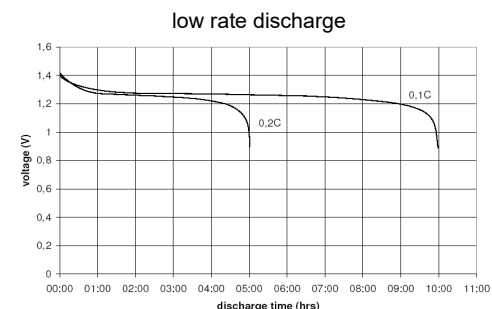
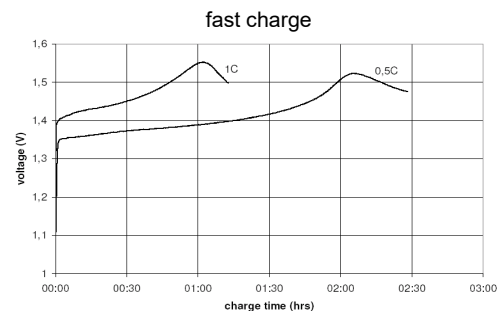
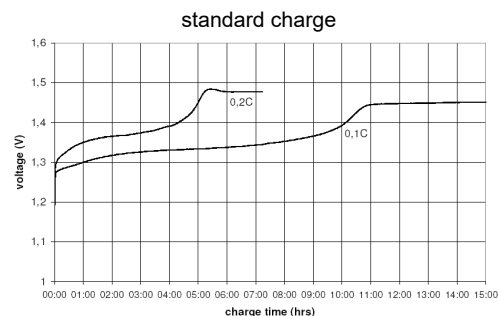


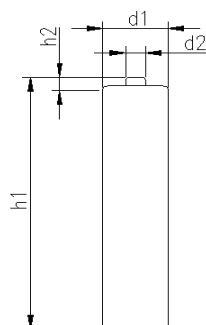
		Conditions	Diagrams
cell type:	NiMH		
cell size:	AAA		
nominal voltage:	1.2 V		
max. charge voltage:	1.5 V	at standard charge (0.1C / 20°C)	
capacity			
nominal:	1100 mAh	discharge at 0.2C	
minimum:	1050 mAh	discharge at 0.2C	
	950 mAh	discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
max. continuous discharge current:	3000 mA	ta: 0...45°C	
charge			
standard charge:	current 105 mA	time 14....16hrs	
quick charge:	315 mA	4hrs	
fast charge:	1050 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:	10...30 mA	(recommended)	
continuous overcharge: (less than 1 year)	≤ 50 mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 40 mΩ	at 1KHz battery fully charged	
life expectancy:	≥ 500 cycles	acc. IEC standard	
self discharge			
charge retention after 360 days storage at 20°C:	≥ 50 %	of minimal battery capacity; at 0.2C discharge to EV 1.0V	
subsequent capacity:	≥ 525 mAh		
initial capacity:	≥ 750 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 (≤1month) storage (≤3months) storage (≤12months)	



QCT1: 20/1000/40
QCT2: 30/950/50

mechanical specifications

cell dimensions		
diameter d1 (incl. label):	10.5 - 0.7	mm
diameter d1 (bare cell):	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:	13.5 ± 2	g



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	ANSMANN Specifications for model:	NiMH Battery
	data sheet no. / part no.	AAA - 1100mAh low self discharge
	supplier no.	701372
	author / date	TG / 17.12.2019

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