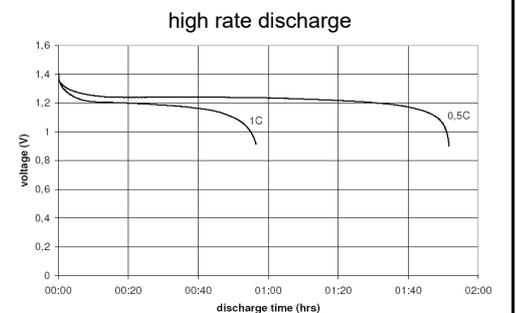
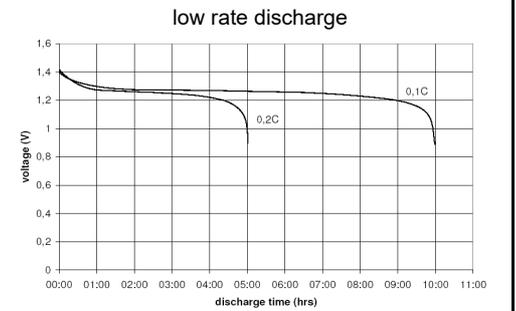
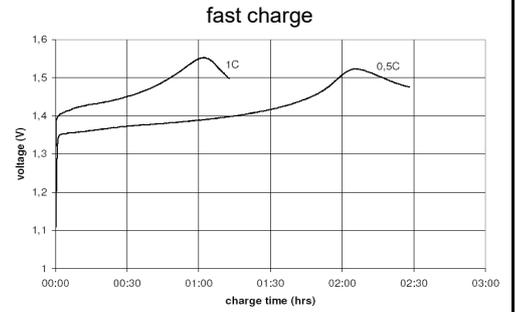
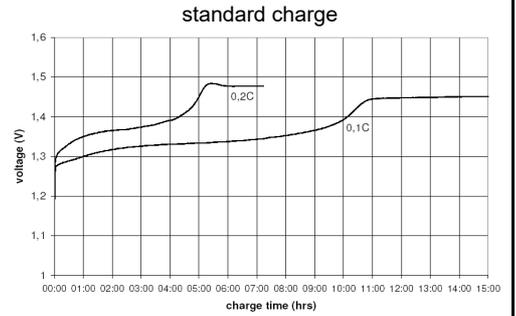


		Conditions
cell type:		NiMH
cell size:		AAA
nominal voltage:	1.2 V	
max. charge voltage:	1.5 V	at standard charge (0.1C / 20°C)
capacity		
nominal:	1000 mAh	discharge at 0.2C
minimum:	950 mAh	discharge at 0.2C
	840 mAh	discharge at 1C
		1.0V end discharge voltage
		ta: 20°C
max. continuous discharge current:	2000 mA	ta: 0...45°C
charge		
standard charge:	current 100 mA	time 14....16hrs
quick charge:	300 mA	4hrs
fast charge:	500 mA	2.3hrs
recommended charge termination control parameters:	0...5 mV 0.8...1 °C 45...50 °C	- delta V temperature rise per minute TCO (temperature cut off)
trickle charge current:	5...15 mA	(recommended)
continuous overcharge: (less than 1 year)	≤ 95 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:	≥ 75 %	after 12 months storage at 20°C
initial capacity:	≥ 650 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)

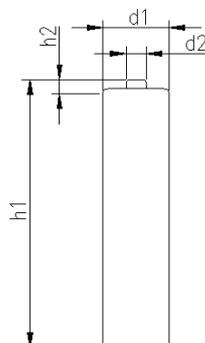
Diagrams



QCT1: 20/900/45
QCT2: 30/780/50

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:		13 ± 2	g



	ANSMANN Specifications for model:	NiMH Battery
	data sheet no. / part no.	AAA 1000mAh low self discharge
	s.n.	701372
	author / date	TG / 05.07.2023