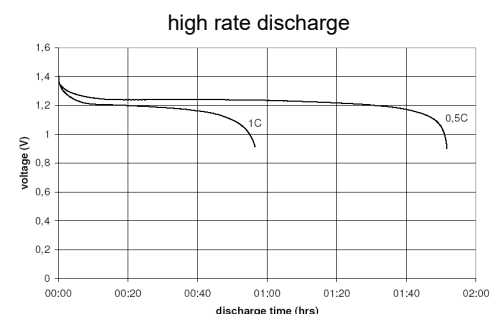
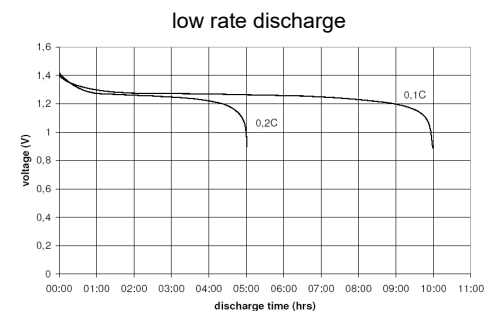
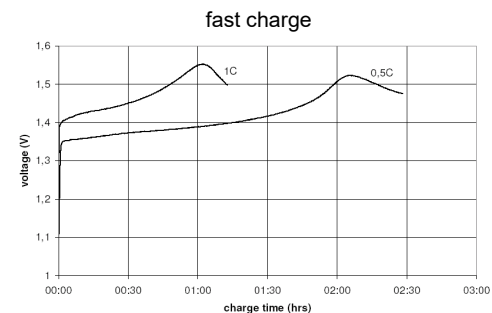
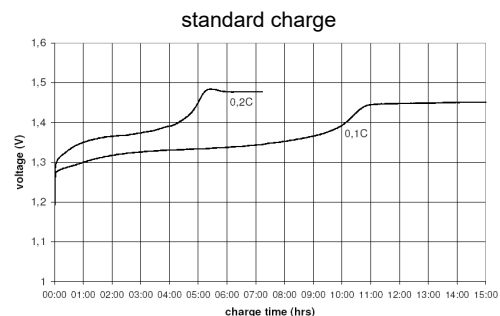


		Conditions	Diagrams
cell type:	NiMH		
cell size:	AA		
nominal voltage:	1.2 V		
max. charge voltage:	1.5 V	at standard charge (0.1C / 20°C)	
capacity			
nominal:	2100 mAh	discharge at 0.2C	
minimum:	2000 mAh	discharge at 0.2C	
	1700 mAh	discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
max. continuous discharge current:	6000 mA	ta: 0...45°C	
charge			
standard charge:	current 210 mA	time 14....16hrs	
quick charge:	600 mA	4hrs	
fast charge:	2100 mA	1.05hrs	
recommended charge	0...5 mV	- ΔV (-deltaV)	
termination control	0.8...1 °C	temperature rise per minute	
parameters:	45...50 °C	TCO (temperature cut off)	
trickle charge current:	10...40 mA	(recommended)	
continuous overcharge: (less than 1 year)	≤ 200 mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 40 mΩ	at 1KHz battery fully charged	
life expectance:	≥ 500 cycles	acc. IEC standard	
self discharge			
charge retention:	≥ 80 %	after 12 months storage at 20°C	
initial capacity:	≥ 1400 mAh	within 30 days after delivery discharge at 0.2C	
ambient temperature range:	0...45 °C 10...40 °C - 20...50 °C - 20...50 °C - 20...40 °C - 20...30 °C	standard charge fast charge discharge storage (≤3months) storage (≤6months) storage (≤24months)	

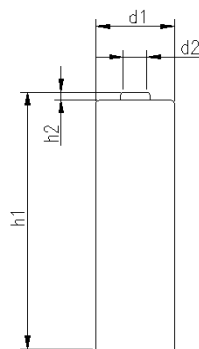


QCT1: 20/1800/40
QCT2: 30/1700/40

mechanical specifications

cell dimensions

diameter d1:	max.	14.2 - 0.5	mm
diameter d2:		5.5	mm
height h1:		50.4 - 0.5	mm
height h2:	min.	1.2	mm
weight:		28 ± 2	g



	ANSMANN Specifications for model:	NiMH Battery
	data sheet no. / part no.	AA - 2100mAh low self discharge
	supplier no.	704271
	author / date	TG / 25.07.2019