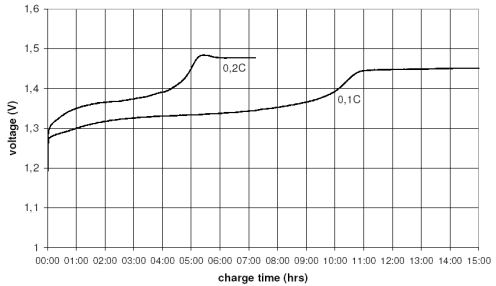
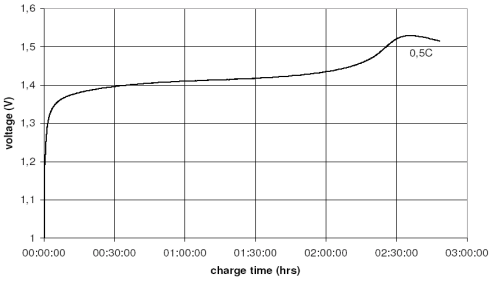
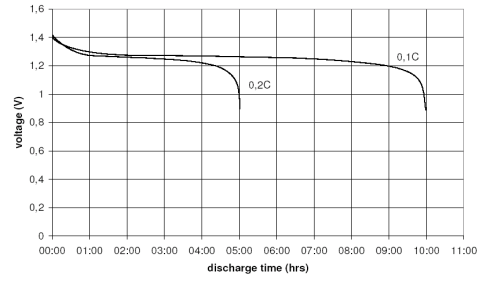
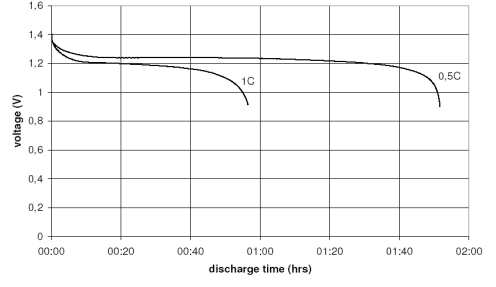
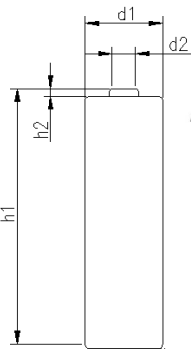


			Conditions	Diagrams
cell type:	NiMH			
cell size:	AA			
nominal voltage:	1.2	V		
max. charge voltage:	1.5	V	at standard charge (0.1C / 20°C)	standard charge 
capacity				
nominal:	2100	mAh	discharge at 0.2C	
minimum:	1900	mAh	discharge at 0.2C	
	1750	mAh	discharge at 1C	
			1.0V end discharge voltage ta: 20°C	
max. continuous discharge current:	4000	mA	ta: 0...45°C	fast charge 
charge	current	time		
standard charge:	210	mA	14...16hrs	
quick charge:	600	mA	4hrs	
fast charge:	2100	mA	1.1hrs	
recommended charge	0...5	mV	- delta V	
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)	low rate discharge 
continuous overcharge:	≤ 200	mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 35	mΩ	at 1KHz battery fully charged	high rate discharge 
life expectancy:	≥ 500	cycles	acc. IEC standard	
self discharge				
charge retention:	≥ 85	%	after 6 months storage	
(at ≤ 20°C ambient)	≥ 80	%	after 12 months storage	
initial capacity:	≥ 1400	mAh	within 30 days after delivery discharge at 0.2C	
ambient temperature range:	0...45	°C	standard charge	
	10...40	°C	fast charge	
	- 20...55	°C	discharge	
	- 20...50	°C	storage (≤3months)	
	- 20...40	°C	storage (≤6months)	
	- 20...30	°C	storage (≤24months)	
QCT1:	20/1800/35			
QCT2:	30/1700/40			
mechanical specifications				
cell dimensions (incl. label)				
diameter d1:	14.5	- 1.0	mm	
diameter d2:	approx.	7.0	mm	
height h1:	49.5	- 1.5	mm	
height h2:	min.	0.5	mm	
weight:	28	± 2	g	
				tags material: nickel length: 20mm width: 5mm thickness: 0.12mm 

	ANSMANN Specifications for model:	AA - 2100mAh low self discharge
	data sheet no. / part no.	5035371-01
	version no.	0
	author / date	TG / 20.09.2013