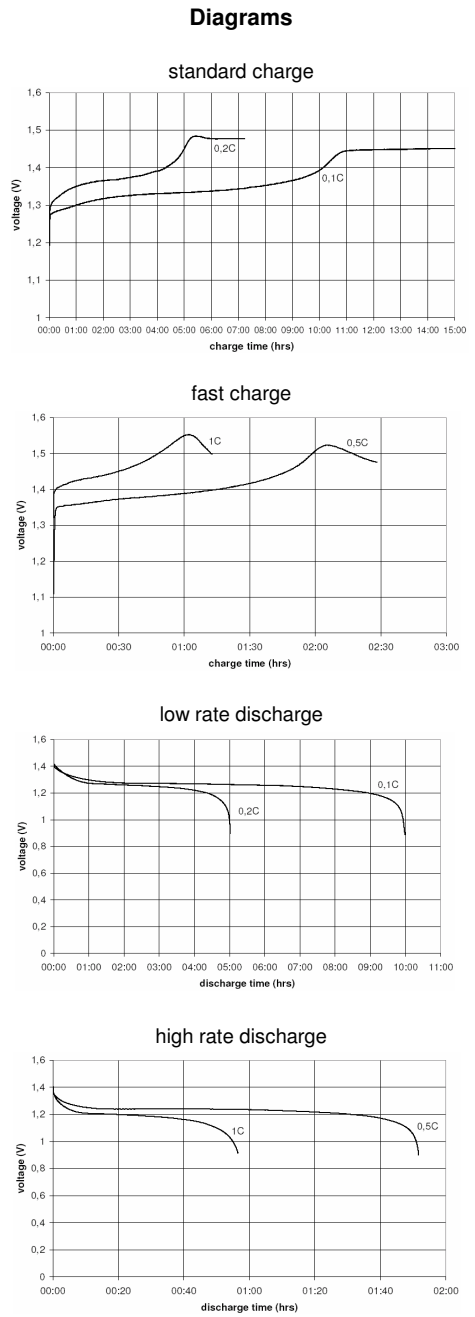
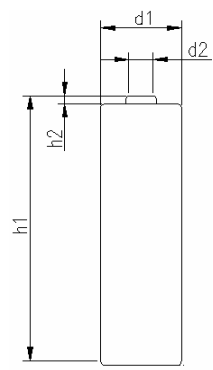


		Conditions	
cell type:		NiMH	
cell size:		AA	
nominal voltage:	1.2	V	at standard charge (0.1C / 20°C)
max. charge voltage:	1.45	V	
capacity			
nominal:	2850	mAh	discharge at 0.2C
minimum:	2450	mAh	discharge at 0.2C
	2250	mAh	discharge at 1C
			1.0V end discharge voltage ta: 20°C
max. continuous discharge current:	5400	mA	ta: 0...45°C
charge			
	current	time	
standard charge:	270	mA	14...16hrs
quick charge:	725	mA	4hrs
fast charge:	2700	mA	1.1hrs
recommended charge termination control parameters:	5...10	mV	- delta V
	0.8...1	°C	temp. increase per minute
	45...50	°C	TCO (temperature cut off)
trickle charge current:	25...90	mA	(recommended)
continuous overcharge: (less than 1 year)	≤ 200	mA	no conspicuous deformation no leakage
internal resistance: (impedance)	≤ 30	mΩ	at 1KHz battery fully charged
life expectancy:	≥ 500	cycles	acc. IEC standard
self discharge			
charge retention:	≥ 60	%	after 28 days storage at 20°C
ambient temperature range:			
	0...45	°C	standard charge
	10...40	°C	fast charge
	- 20...65	°C	discharge (≤1.0C)
	0...45	°C	discharge (>1.0C)
	- 20...50	°C	storage (≤1month)
	- 20...40	°C	storage (≤3months)
	- 20...30	°C	storage (≤12months)
QCT1:	20/2350/35		
QCT2:	30/2150/40		



mechanical specifications			
cell dimensions (incl.label)			
diameter d1:	14.3	- 0.5	mm
diameter d2:	max.	5.5	mm
height h1:	50.35	- 0.5	mm
height h2:	min.	1.2	mm
weight:	30	± 2	g
blister card dimensions:	125 x 85		mm
blister card weight (incl. batteries):	68		g



	ANSMANN Specifications for model:	AA - 2850mAh 2pcs blister package
	data sheet no. / part no.	5035202
	version no.	0
	author / date	Gramlich / 30.06.2009

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