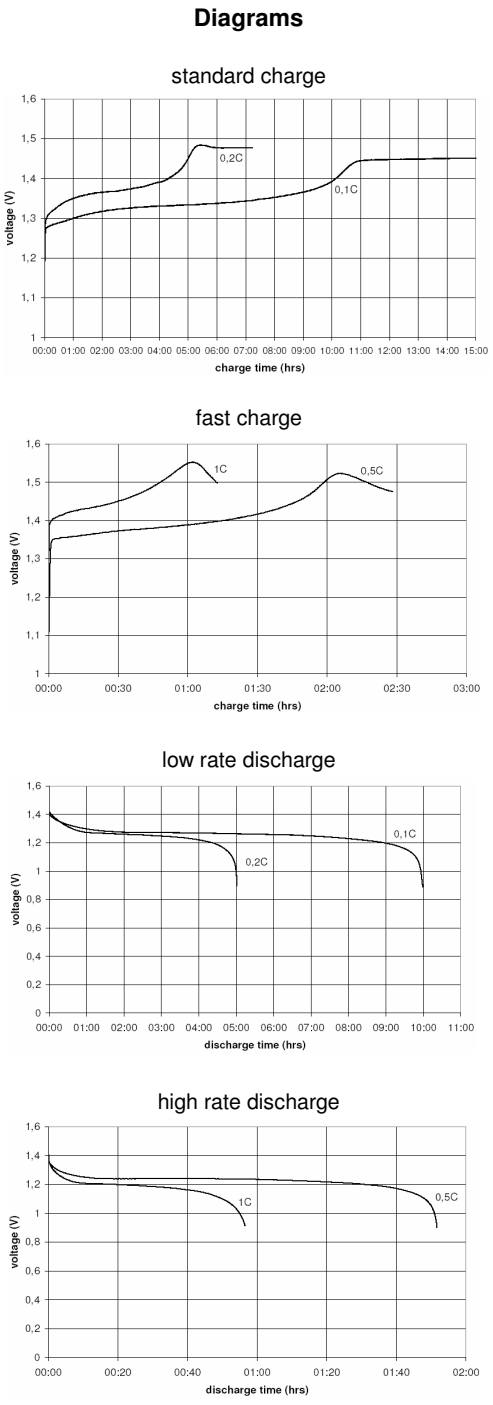
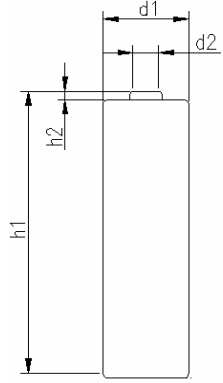


		Conditions	
cell type:		NiMH	
cell size:		AA	
nominal voltage:	1.2	V	
max. charge voltage:	1.45	V at standard charge (0.1C / 20 °C)	
capacity			
nominal:	2850	mAh	discharge at 0.2C
minimum:	2450	mAh	discharge at 0.2C
	2250	mAh	discharge at 1C
			1.0V end discharge voltage
			ta: 20 °C
max. continuous discharge current:	5400	mA	ta: 0...45 °C
charge			
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 (≤1 month)
	- 20...40	°C	storage (≤3 months)
	- 20...30	°C	storage (≤12 months)

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):	128 g



	ANSMANN Specifications for model:	AA - 2850mAh
		4pcs blister package
	data sheet no. / part no.	5035212
	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