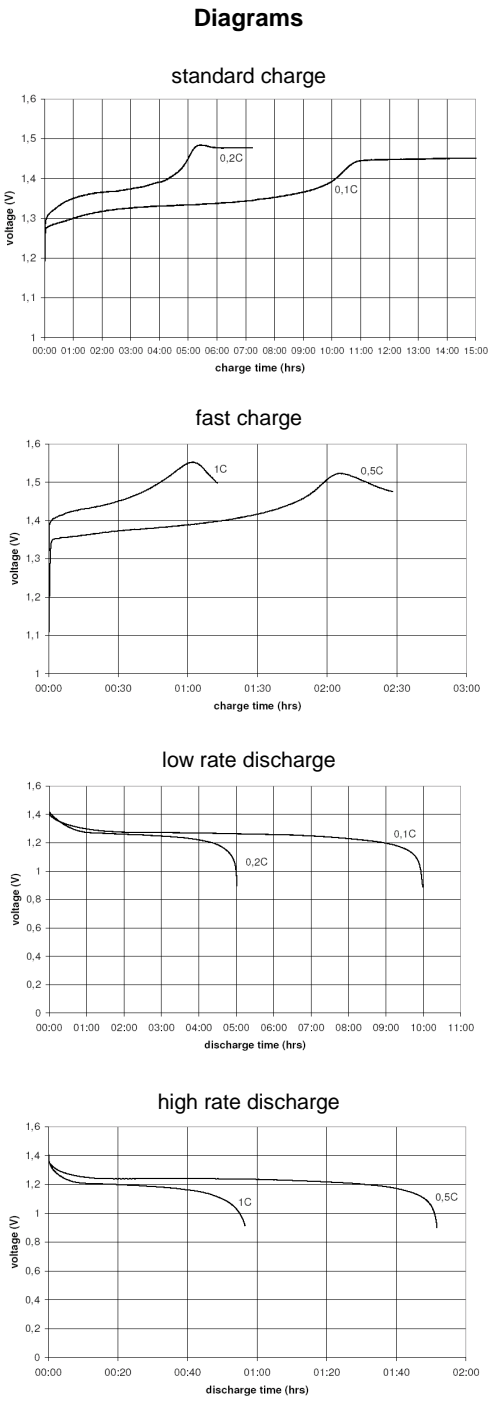


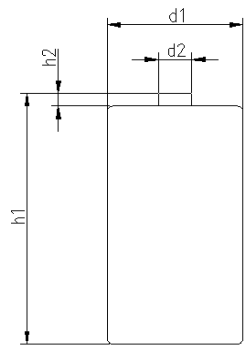
		Conditions	
cell type:		NiMH	
cell size:		D	
nominal voltage:	1.2	V	
max. charge voltage:	1.5	V at standard charge (0.1C / 20°C)	
capacity			
nominal:	8500	mAh discharge at 0.2C	
minimum:	8500	mAh discharge at 0.2C	
	8000	mAh discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
max. continuous discharge current:	8500	mA ta: 0...45°C	
charge		current	time
standard charge:	850	mA 14....16hrs	
quick charge:	2550	mA 4hrs	
fast charge:	4250	mA 2.3hrs	
recommended charge termination control parameters:	0...5	mV - ΔV (-deltaV)	
	0.8...1	°C temperature rise per minute	
	45...50	°C TCO (temperature cut off)	
trickle charge current:	50...250	mA (recommended)	
continuous overcharge: (less than 1 year)	≤ 850	mA no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 15	mΩ at 1KHz battery fully charged	
life expectancy:	≥ 500	cycles acc. IEC standard	
self discharge			
charge retention:	≥ 80	% after 12 months storage at 20°C	
initial capacity:	≥ 6000	mAh within 30 days after delivery discharge at 0.2C	
ambient temperature range:	0...45	°C standard charge	
	10...40	°C fast charge	
	0...45	°C discharge (≥1C)	
	- 20...65	°C discharge (<1C)	
	- 20...50	°C storage (≤3months)	
	- 20...40	°C storage (≤6months)	
	- 20...30	°C storage (≤24months)	
QCT1:	20/8000/15		
QCT2:	30/7800/15		



mechanical specifications

cell dimensions

diameter d1:	32.8 - 1.0	mm
diameter d2:	max. 9.5	mm
height h1:	61.5 - 2.0	mm
height h2:	min. 1.5	mm
weight:	155 ± 8	g
blister card dimensions:	123 x 85	mm
blister card weight (incl. batteries):	320	g



	ANSMANN Specifications for model:	D - 8500mAh low self discharge
		2pcs blister package
	data sheet no. / part no.	5035362
	supplier no.	701364
	author / date	Gramlich / 03.03.2012