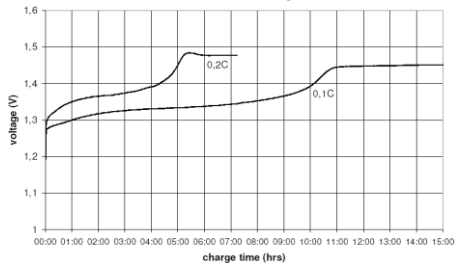
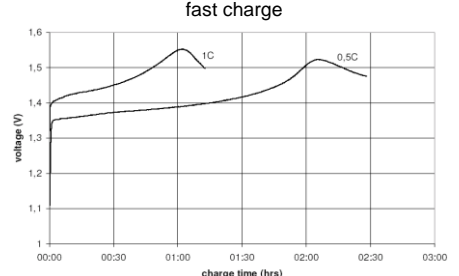
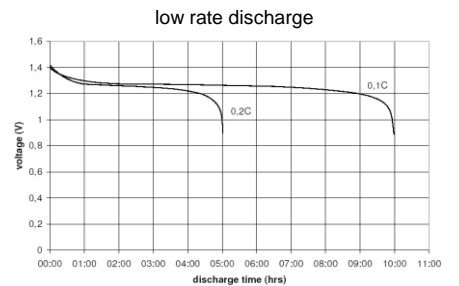
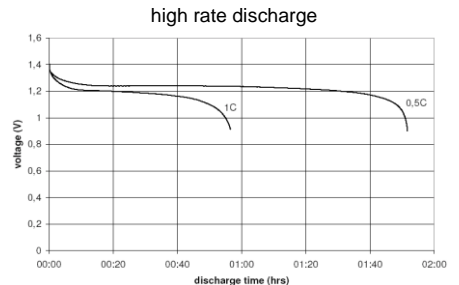
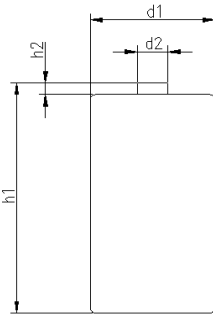




		Conditions		Diagrams	
<b>cell type:</b>		NiMH			
<b>cell size:</b>		D			
<b>nominal voltage:</b>	1.2	V			
<b>max. charge voltage:</b>	1.5	V			
		at standard charge (0.1C / 20°C)			
<b>capacity</b>					
nominal:	5000	mAh			
minimum:	5000	mAh			
	4500	mAh			
		discharge at 1C			
		1.0V end discharge voltage			
		ta: 20°C			
<b>max. continuous discharge current:</b>	10000	mA		ta: 0...45°C	
<b>charge</b>		current	time		
standard charge:	500	mA		14...16hrs	
quick charge:	1500	mA		4hrs	
fast charge:	2500	mA		2.3hrs	
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:	25...125	mA		(recommended)	
continuous overcharge:	≤ 500	mA		no conspicuous deformation no leakage	
(less than 1 year)					
<b>internal resistance:</b>	≤ 10	mΩ		at 1KHz battery fully charged	
(impedance)					
<b>life expectancy:</b>	≥ 500	cycles		acc. IEC standard	
<b>self discharge</b>					
charge retention:	≥ 70	%		after 12 months storage at 20°C	
<b>initial capacity:</b>	≥ 3500	mAh		within 30 days after delivery discharge at 0.2C	
<b>ambient temperature range:</b>					
	0...45	°C		standard charge	
	10...40	°C		fast charge	
	- 20...65	°C		discharge	
	- 20...50	°C		storage (≤3months)	
	- 20...40	°C		storage (≤6months)	
	- 20...30	°C		storage (≤24months)	
QCT1:	20/4750/12				
QCT2:	30/4500/12				
<b>mechanical specifications</b>					
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:		110 ± 5	g		
					

	<b>ANSMANN Specifications for model:</b>	<b>D - 5000mAh low self discharge bulk package</b>
	data sheet no. / part no.	5030921
	supplier no.	701372
	author / date	TG / 09.12.2015