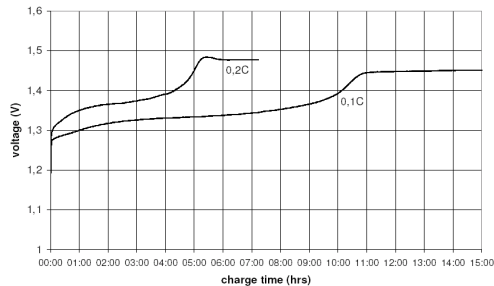
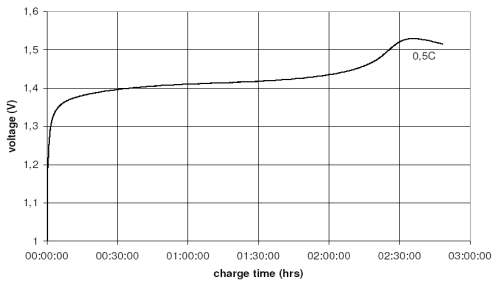
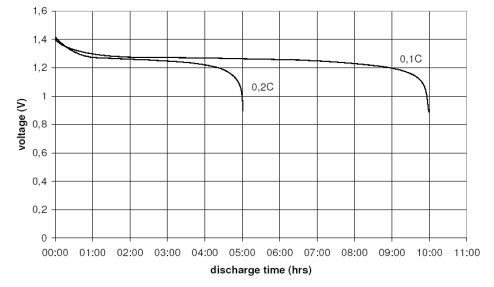
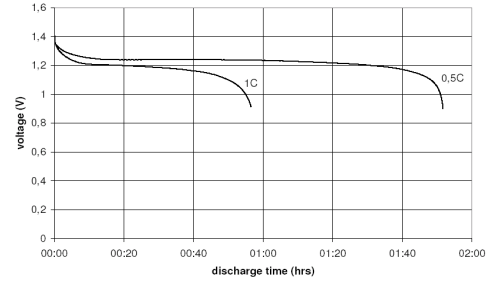
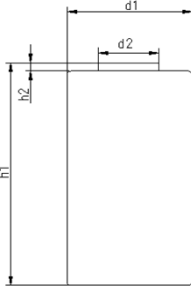


			Conditions	Diagrams	
cell type:			NiMH	standard charge 	
cell size:			Sub-C		
nominal voltage:	1.2	V	at standard charge (0.1C / 20°C)		
max. charge voltage:	1.5	V			
capacity				fast charge 	
nominal:	3000	mAh	discharge at 0.2C		
minimum:	2850	mAh	discharge at 0.2C		
	2600	mAh	discharge at 1C		
			1.0V end discharge voltage		
			ta: 20°C	low rate discharge 	
max. continuous discharge current:	15	A	ta: 0...45°C		
max. peak current:	30	A			
charge	current	time			
standard charge:	300	mA	14...16hrs		
quick charge:	850	mA	4hrs	high rate discharge 	
fast charge:	3000	mA	1.1hrs		
recommended charge termination control parameters:	0...5	mV	- delta V		
	0.8...1	°C	temperature rise per minute		
	45...50	°C	TCO (temperature cut off)		
trickle charge current:	30...150	mA	(recommended)	tags material: Fe, Nickel plated length: 28mm width: 8mm thickness: min. 0.2mm 	
continuous overcharge: (less than 1 year)	≤ 300	mA	no conspicuous deformation no leakage		
internal resistance: (impedance)	≤ 6	mΩ	at 1KHz battery fully charged		
life expectancy:	≥ 500	cycles	acc. IEC standard		
self discharge					
charge retention:	≥ 80	%	after 6 months storage		
(at ≤ 20°C ambient)	≥ 75	%	after 12 months storage		
initial capacity:	≥ 2100	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...55	°C	storage (≤1months)		
	- 20...45	°C	storage (≤3months)		
	- 20...35	°C	storage (≤12months)		
QCT1:	20/2700/6				
QCT2:	30/2550/8				
mechanical specifications					
cell dimensions (incl. label)					
diameter d1:	22.5	- 1.0	mm		
diameter d2:	10.0	± 1.0	mm		
height h1:	43.0	- 1.0	mm		
height h2:	min. 0.3		mm		
weight:	55	± 5	g		
					
ANSMANN Specifications for model:				SubC - 3000mAh low self discharge with tags (Z-form) bulk package	
data sheet no. / part no.				5035391	
supplier no.				701344	
author / date				TG / 30.01.2014	