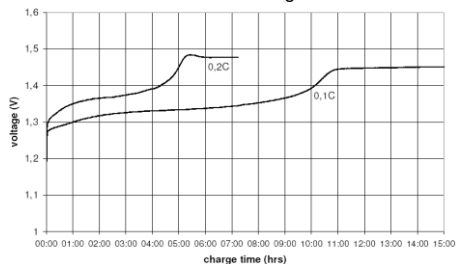
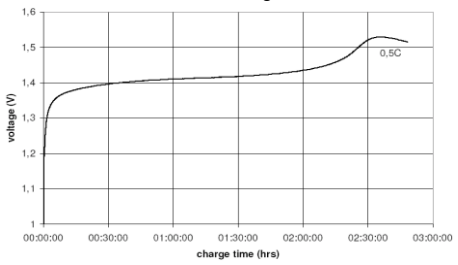
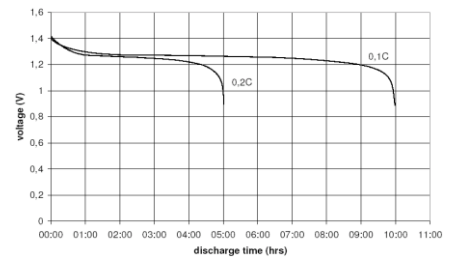
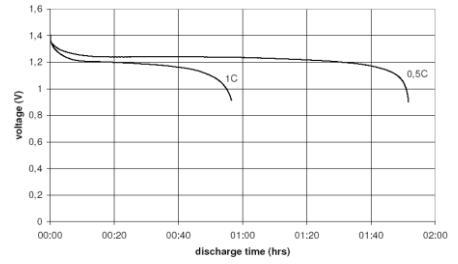
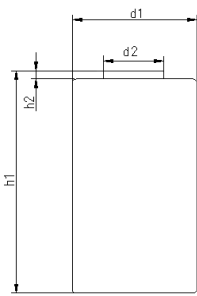


			Conditions	Diagrams
cell type:			NiMH	
cell size:			Sub-C	
nominal voltage:	1.2	V	at standard charge (0.1C / 20°C)	
max. charge voltage:	1.5	V		
capacity				
nominal:	3000	mAh	discharge at 0.2C	
minimum:	2850	mAh	discharge at 0.2C	
	2600	mAh	discharge at 1C	
			1.0V end discharge voltage ta: 20°C	
max. 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	
fast charge:	3000	mA	1.1hrs	
recommended charge	0...5	mV	- delta V	
termination control	0.8...1	°C	temperature rise per minute	
parameters:	45...50	°C	TCO (temperature cut off)	
trickle charge current:	30...150	mA	(recommended)	
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 bulk package
data sheet no. / part no.	2310-3004
supplier no.	701344
author / date	TG / 11.03.2016

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data sheet no. / part no.

supplier no.

author / date

**SubC - 3000mAh low self discharge
bulk package**

2310-3004

701344

TG / 11.03.2016