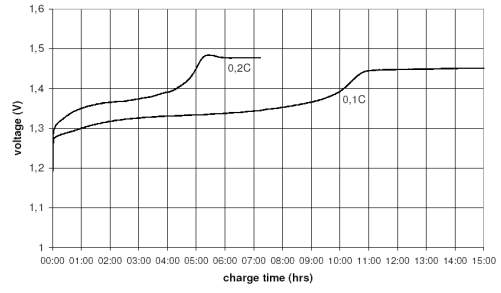
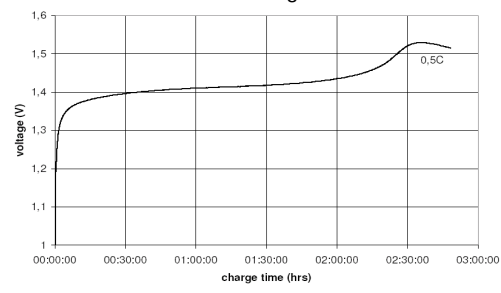
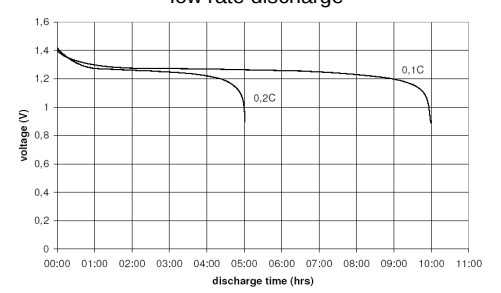
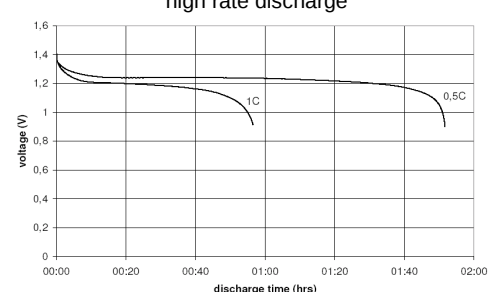
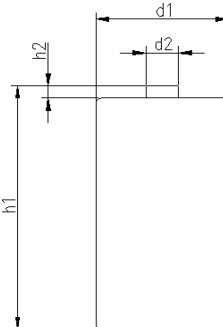


			Conditions	Diagrams
cell type:	NiMH			
cell size:	C			
nominal voltage:	1.2	V		
max. charge voltage:	1.5	V	at standard charge (0.1C / 20°C)	standard charge 
capacity				
nominal:	4500	mAh	discharge at 0.2C	
minimum:	4000	mAh	discharge at 0.2C	
	3600	mAh	discharge at 1C	
			1.0V end discharge voltage ta: 20°C	
max. continuous discharge current:	6750	mA	ta: 0...45°C	fast charge 
charge				
standard charge:	450	mA	14hrs	
quick charge:	1250	mA	4hrs	
fast charge:	2000	mA	2.5hrs	
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:	40...200	mA	(recommended)	low rate discharge 
continuous overcharge:	≤ 400	mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 15	mΩ	at 1KHz battery fully charged	high rate discharge 
life expectancy:	≥ 500	cycles	acc. IEC standard	
self discharge				
charge retention:	≥ 85	%	after 6 months storage	
(at ≤ 20°C ambient)	≥ 80	%	after 12 months storage	
initial capacity:	≥ 3000	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...50	°C	storage (≤3months)	
	- 20...40	°C	storage (≤6months)	
	- 20...30	°C	storage (≤24months)	
QCT1:	20/3800/25			
QCT2:	30/3600/30			
mechanical specifications				
cell dimensions				
diameter d1:	25.8	- 0.8	mm	
diameter d2:	approx. 11.0		mm	
height h1:	50.0	- 2.0	mm	
height h2:	0.0	- 0.3	mm	
weight:	80	± 5	g	
				
				
			tags	
			material: nickel	
			length: 30mm	
			width: 5mm	
			thickness: 0.12mm	

	ANSMANN Specifications for model:	C4500mAh RTU-type FLAT TOP with tags (Z-form) in plastic bag
	data sheet no. / part no.	2310-3007
	version no.	0
	author / date	TG / 24.07.2013