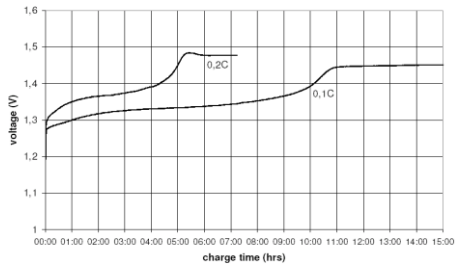
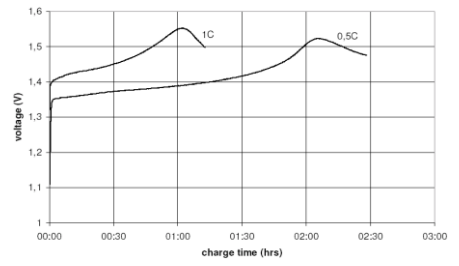
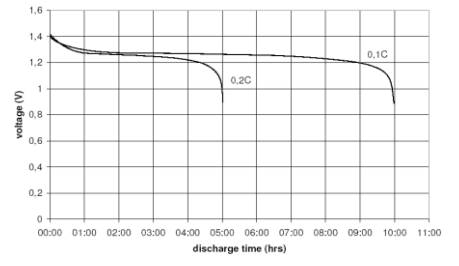
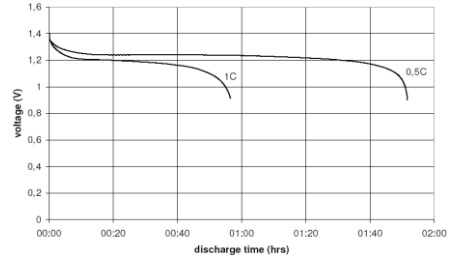
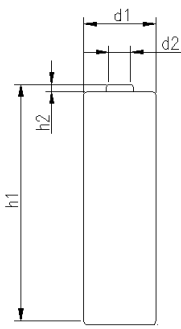


		Conditions	Diagrams
cell type:	NiMH		
cell size:	AA		
nominal voltage:	1.2 V		
max. charge voltage:	1.5 V	at standard charge (0.1C / 20°C)	standard charge 
capacity			
nominal:	2400 mAh	discharge at 0.2C	
minimum:	2400 mAh	discharge at 0.2C	
	2200 mAh	discharge at 1C	
		1.0V end discharge voltage ta: 20°C	
max. continuous discharge current:	4800 mA	at ta: 20°C	fast charge 
charge	current	time	
standard charge:	240 mA	14...16hrs	
quick charge:	700 mA	4hrs	
fast charge:	2400 mA	1.1hrs	
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:	10...50 mA	(recommended)	
continuous overcharge: (less than 1year)	≤ 200 mA	no conspicuous deformation no leakage	low rate discharge 
internal resistance: (impedance)	≤ 35 mΩ	at 1KHz; new cell 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:	≥ 1400 mAh	within 30 days after delivery discharge at 0.2C	
ambient temperature range:	0...45 °C	standard charge	
	10...40 °C	fast charge	
-	20...60 °C	discharge	
-	20...55 °C	storage (≤1month)	
-	20...45 °C	storage (≤3months)	
-	20...35 °C	storage (≤12months)	high rate discharge 
QCT1:	20/2300/35		
QCT2:	30/2200/40		
mechanical specifications			
cell dimensions			
diameter d1:	14.5 - 0.7	mm	
diameter d2:	max. 7.1	mm	
height h1:	50.0 - 1.5	mm	
height h2:	min. 0.3	mm	
weight:	29 ± 2	g	
			
		ANSMANN Specifications for model:	AA2400mAh FLAT TOP
		data sheet no. / part no.	low self discharge bulk package
		supplier no.	2312-3023
		author / date	701372 TG / 20.01.2016