

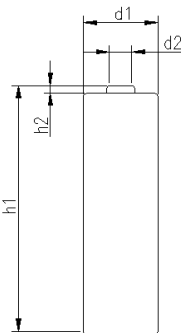
		Conditions	
cell type:		NiMH	
cell size:		AA	
nominal voltage:	1.2	V	
max. charge voltage:	1.5	V	at standard charge (0.1C / 20°C)
capacity			
nominal:	2400	mAh	discharge at 0.2C
minimum:	2400	mAh	discharge at 0.2C
	2200	mAh	discharge at 1C
			1.0V end discharge voltage
			ta: 20°C
max. continuous discharge current:	5000	mA	ta: 0...45°C
charge			
standard charge:	240	mA	14....16hrs
quick charge:	720	mA	4hrs
fast charge:	2400	mA	1.1hrs
recommended charge termination control parameters:	0...5	mV	- ΔV (-deltaV)
	0.8...1	°C	temperature rise per minute
	45...50	°C	TCO (temperature cut off)
trickle charge current:	20...80	mA	(recommended)
continuous overcharge: (less than 1 year)	≤ 200	mA	no conspicuous deformation no leakage
internal resistance: (impedance)	≤ 35	mΩ	at 1KHz battery fully charged
life expectancy:	≥ 500	cycles	acc. IEC standard
self discharge			
charge retention:	≥ 60	%	after 28 days storage at 20°C
initial capacity:	≥ 800	mAh	within 30 days after delivery discharge at 0.2C
ambient temperature range:	0...45	°C	standard charge
	10...40	°C	fast charge
	- 20...65	°C	discharge
	- 20...50	°C	storage (≤1month)
	- 20...40	°C	storage (≤3months)
	- 20...30	°C	storage (≤12months)

QCT1: 20/2300/30
QCT2: 30/2150/35

mechanical specifications

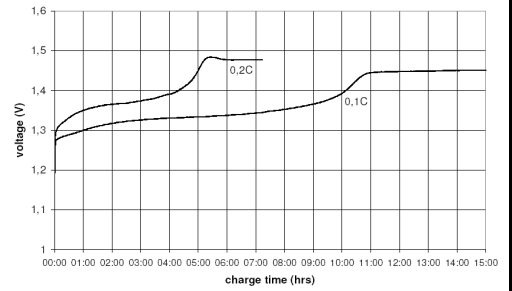
cell dimensions

diameter d1:		14.4 - 0.7	mm
diameter d2:	max.	5.5	mm
height h1:		50.5 - 0.5	mm
height h2:	min.	1.2	mm
weight:		30 ± 2	g

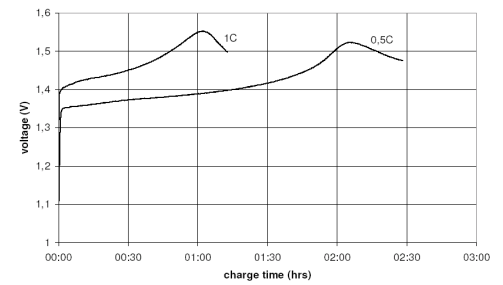


Diagrams

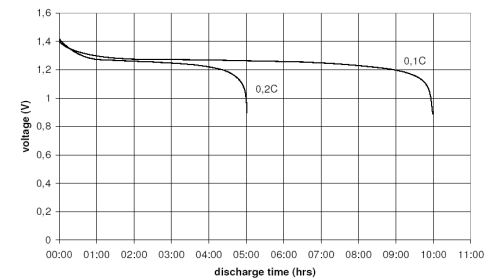
standard charge



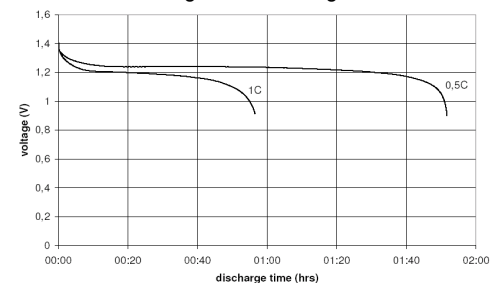
fast charge



low rate discharge



high rate discharge



	ANSMANN Specifications for model:	NiMH Battery AA - 2400mAh
	data sheet no. / part no.	
	supplier no.	702069
	author / date	TG / 19.07.2018