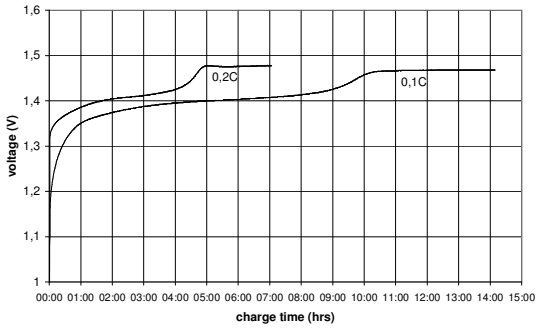
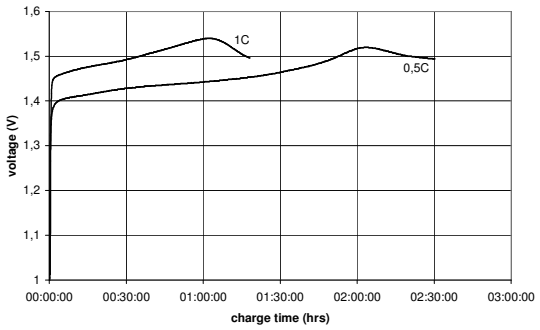
		conditions
nominal voltage:	1,2V	
max. charge voltage:	1,5V	at standard charge (0,1C / 20°C)
capacity		
nominal :	800mAh	discharge at 0,2C
minimal:	750mAh	discharge at 0,2C
	700mAh	discharge at 1C
		1,0V end discharge voltage
		ambient temperature 20°C
max. continuous discharge current:	1500mA	ambient temperature 20....50°C
charge	charge current	charge time
standard charge:	80mA	16hrs at 20°C
quick charge:	400mA	2,5hrs
fast charge:	800mA	1,2hrs
recommended charge termination control parameters:	-dV: 5....10mV dT/dt: 0,8....1°C per min TCO: 40...50°C	
trickle charge current:	8....40mA	(recommended)
continuous overcharge: (less than 1 year)	≤ 40mA	no conspicuous deformation, no leakage
internal resistance:	≤ 45mOhms	at 1000Hz, battery fully charged
life expectancy:	>500 cycles	IEC standard
self discharge charge retention:	>75%	after 12months storage at 20°C
ambient temperature range:	0....45°C	standard charge
	0....40°C	fast charge
	-20....65°C	discharge
	-20....50°C	storage less than 30 days
	-20....40°C	storage less than 3 months
	-20....35°C	storage less than 1 year

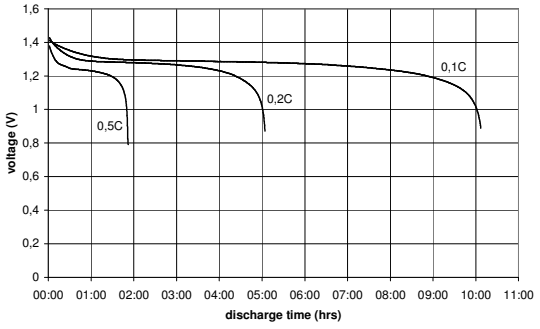
Standard Charge



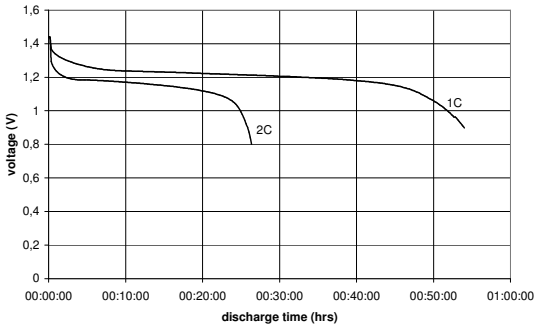
Fast Charge (Charge Control required)

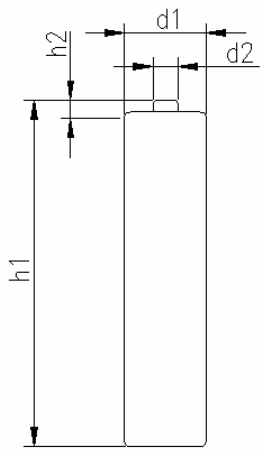


Low Rate Discharge



High Rate Discharge





mechanical specifications

cell dimensions (with sleeve)

diameter d1:	10,5 – 0,7mm
diameter d2:	max. 3,8mm
height h1:	44,5 – 1,5mm
height h2:	min. 0,8mm
weight:	approx. 13g

specifications for model/type:	AAA – NiMH 800mAh Max e
	low self discharge cell
Ansmann drawing number / part number:	5030981
author / date:	Gramlich / 04.09.2007