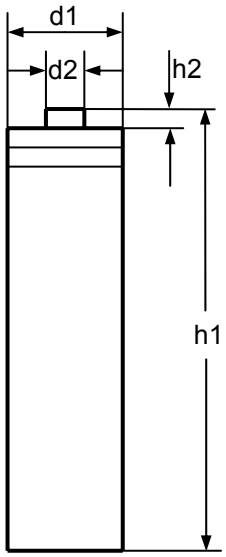
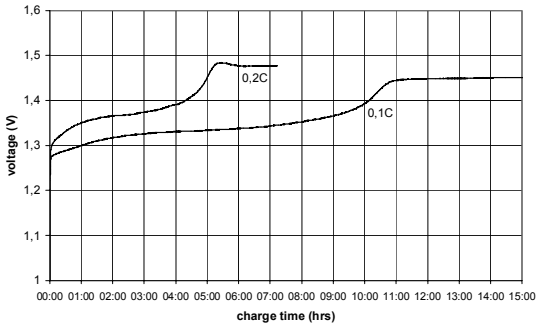
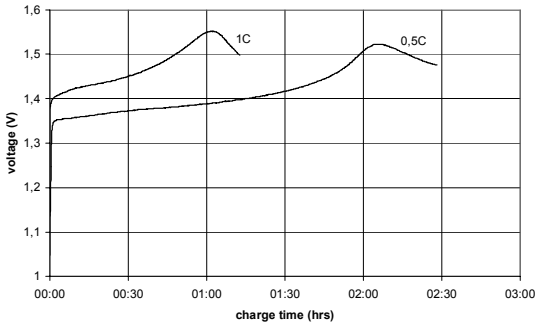
		conditions
nominal voltage:	1,2V	
max. charge voltage:	1,5V	at standard charge (0,1C / 20°C)
capacity		
nominal :	2700mAh	discharge at 0,2C
minimum:	2450mAh	discharge at 0,2C
	2250mAh	discharge at 1C
		1,0V end discharge voltage
		ambient temperature 20°C
max. continuous discharge current:	5400mA	ambient temperature 20....50°C
charge	charge current	charge time
standard charge:	250mA	16hrs at 20°C
quick charge:	575mA	5hrs
fast charge:	2500mA	1,1hrs
recommended charge termination control parameters:	-dV: 5....10mV dT/dt: 0,8....1°C per min TCO: 40...50°C	
trickle charge current:	25....100mA	(recommended)
continuous overcharge: (less than 1 year)	<125mA	no conspicuous deformation, no leakage
internal resistance:	≤25mOhms	at 1000Hz, battery fully charged
life expectancy:	>500 cycles	IEC standard
ambient temperature range:	0....50°C	standard charge
	10....45°C	fast charge
	-20....60°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



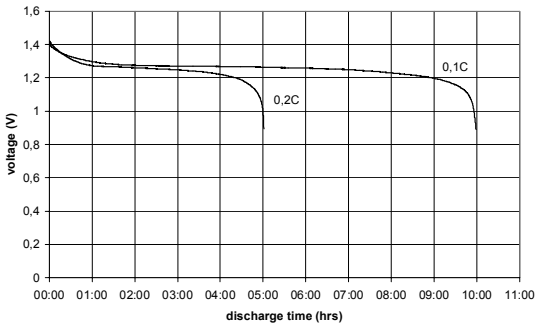
Standard Charge



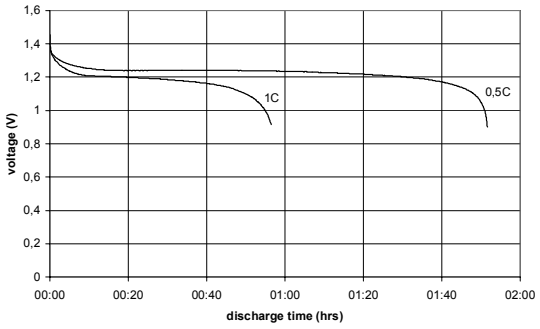
Fast Charge (Charge Control required)



Low Rate Discharge



High Rate Discharge



mechanical specifications
cell dimensions (with sleeve)

diameter d1:	14,3 -0,4mm
diameter d2:	5,5 -0,5mm
height h1:	50,3 -0,5mm
height h2:	min. 1,0mm
weight:	approx. 30g

ANSMANN energy	specifications for model/type:	AA – NiMH 2700mAh Digital
	Ansmann drawing number / part number:	5030861
	drawn by / date:	Gramlich / 28.12.2005