		conditions
nominal voltage:	1,2V	
max. charge voltage:	1,5V	at standard charge (0,1C / 20°C)
capacity:		
nominal :	1100mAh	discharge at 0,2C
minimal:	930mAh	discharge at 0,2C
	880mAh	discharge at 1C
		1,0V end discharge voltage
		ambient temperature 20°C
max. continuous discharge current:	2000mA	ambient temperature 20....50°C

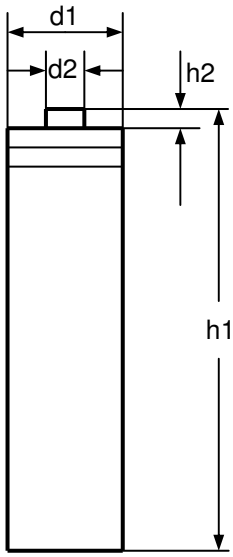
charge:

	charge current	charge time
standard charge:	100mA	16hrs at 20°C
rapid charge:	220mA	5,5hrs
fast charge:	1000mA	1,15hrs

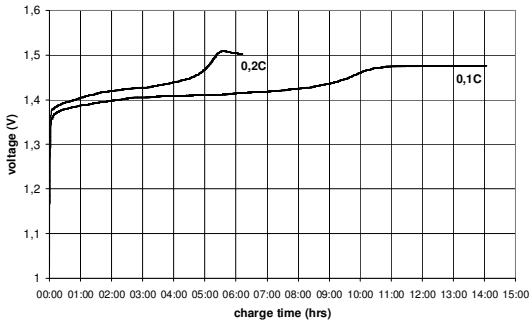
recommended charge termination control parameters:	-dV:	5....10mV
	dT/dt:	0,8....1°C per min
	TCO:	45....50°C

trickle charge current:	10....50mA	(recommended)
continuous overcharge: (less than 1 year)	≤ 50mA	no conspicuous deformation, no leakage
internal resistance:	≤ 40mOhms	at 1000Hz, battery fully charged
life expectancy:	500 cycles	IEC standard

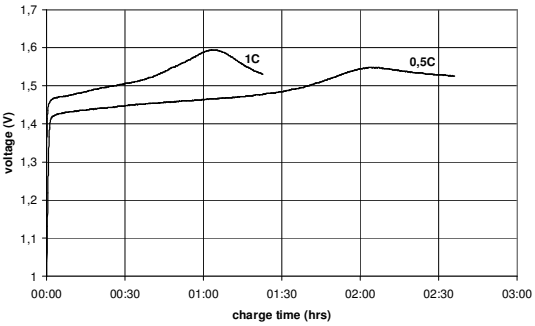
ambient temperature range:	0....50°C	standard charge
	10....45°C	fast charge
	-20....60°C	discharge
	-20....50°C	storage less than 30 days
	-20....40°C	storage less than 3 months
	-20....30°C	storage less than 1 year



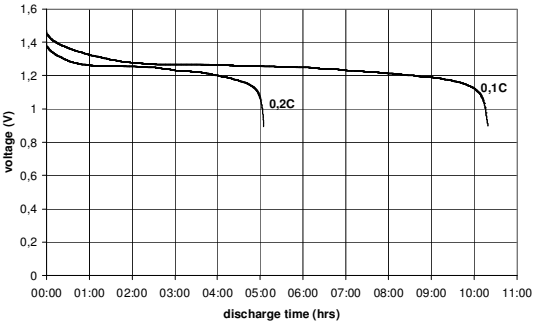
Standard charge



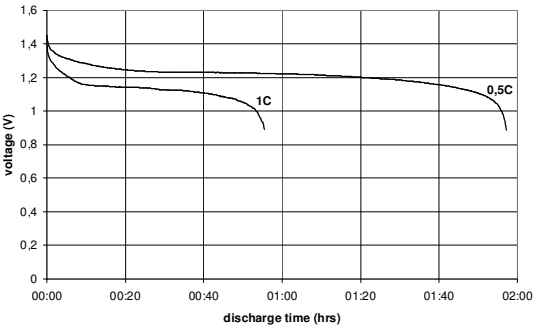
Fast charge (Charge control required)



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

ANSMANN®	specifications for model/type:	AAA – NiMH 1100mAh
	Ansmann drawing number / part number:	5035221
	author / date:	Gramlich / 26.09.2007