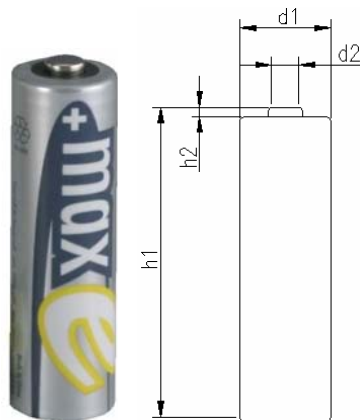
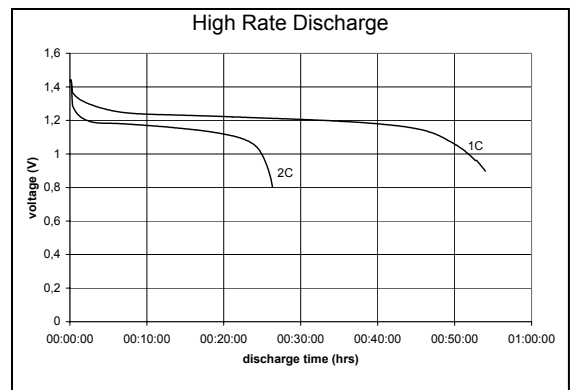
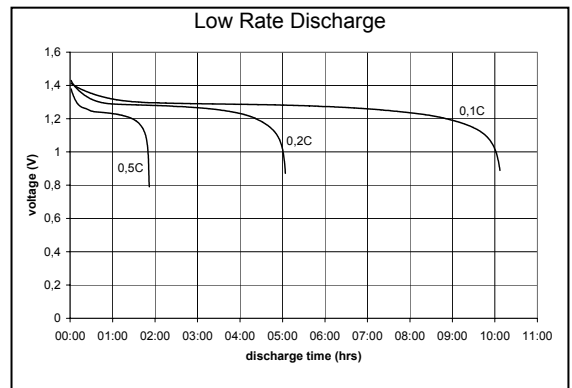
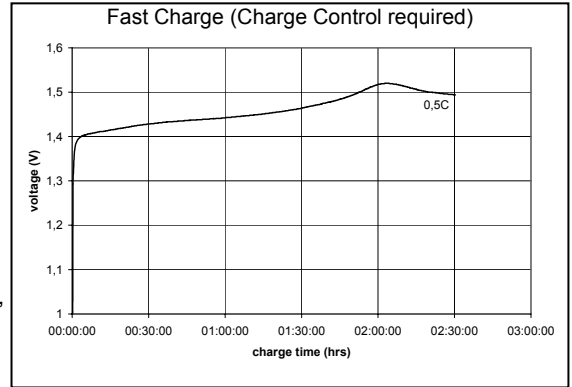
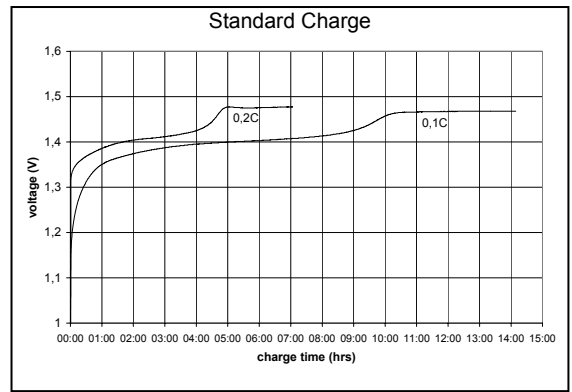


nominal voltage:	1,2V	conditions
max. charge voltage:	1,5V	at standard charge (0,1C / 20°C)
capacity		
nominal :	2100mAh	discharge at 0,2C
	>1700mAh	discharge at 1C
minimal:	1950mAh	discharge at 0,2C
		1,0V end discharge voltage
		ambient temperature 20°C
max. continuous discharge current:	4200mA	ambient temperature 20....50°C
charge		
standard charge:	charge current 210mA	charge time 16hrs at 20°C
quick charge:	840mA	3hrs
fast charge:	1400mA	1,7hrs
recommended charge termination control parameters:	-dV: 5....10mV dT/dt: 0,8....1°C per min TCO: 40....50°C	
trickle charge current:	20....100mA	(recommended)
continuous overcharge: (less than 1 year)	<105mA	no conspicuous deformation, no leakage
internal resistance:	≤35mOhms	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 0....40°C -20....65°C -20....50°C -20....40°C -20....35°C	standard charge fast charge discharge storage less than 30 days storage less than 3 months storage less than 1 year



mechanical specifications

cell dimensions (with sleeve)	
diameter d1:	14,3 – 0,4mm
diameter d2:	5,5 – 0,5mm
height h1:	50,4 – 0,5mm
height h2:	min. 1,0mm
weight:	approx. 28g

	specifications for model/type:	AA – NiMH 2100mAh Max e (2pcs)
		low self discharge cell
	Ansmann drawing number / part number:	5030992
	drawn by / date:	Gramlich / 13.09.2006