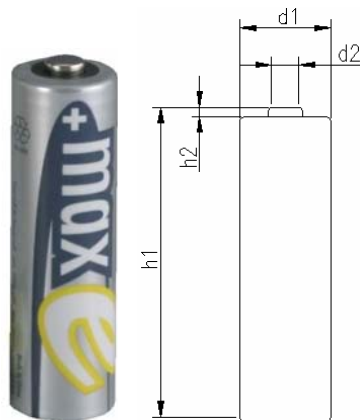
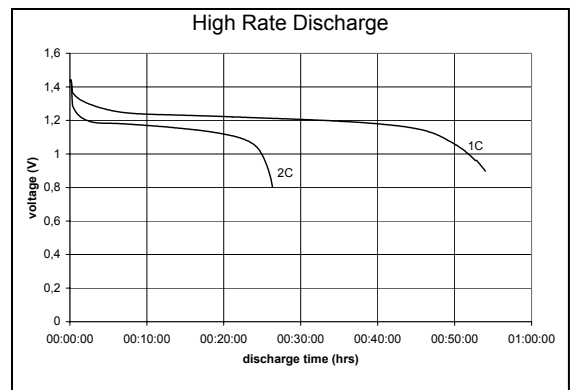
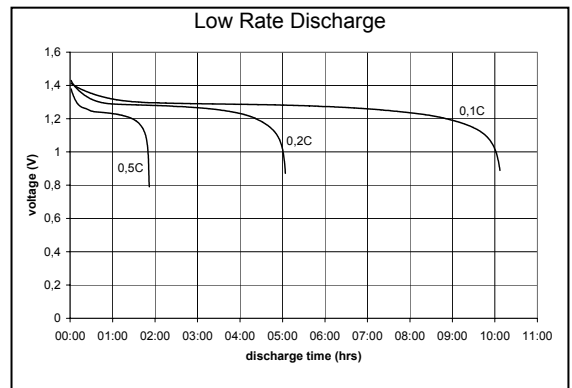
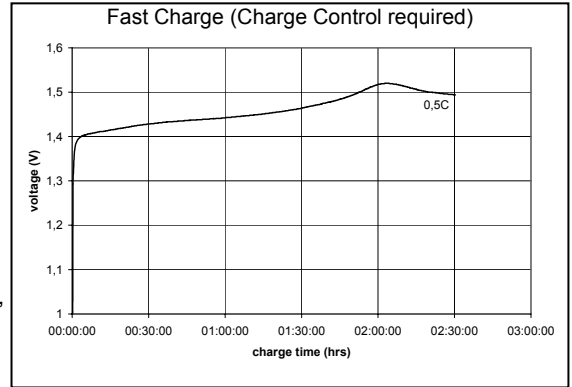
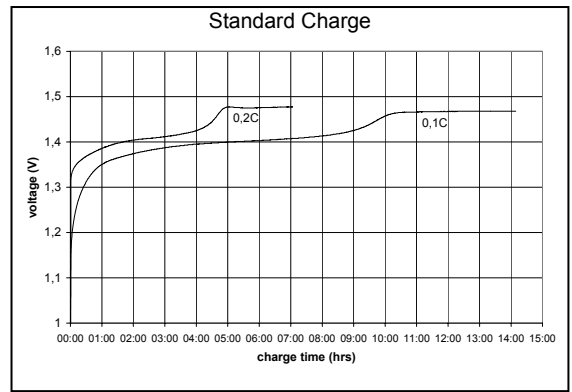


<b>nominal voltage:</b>	1,2V	conditions
<b>max. charge voltage:</b>	1,5V	at standard charge (0,1C / 20°C)
<b>capacity</b>		
nominal :	2100mAh	discharge at 0,2C
	>1700mAh	discharge at 1C
minimal:	1950mAh	discharge at 0,2C
		1,0V end discharge voltage
		ambient temperature 20°C
<b>max. continuous discharge current:</b>	4200mA	ambient temperature 20....50°C
<b>charge</b>		
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
<b>internal resistance:</b>	≤35mOhms	at 1000Hz, battery fully charged
<b>life expectancy:</b>	>500 cycles	IEC standard
<b>self discharge</b>		
charge retention:	>75%	after 12months storage at 20°C
<b>ambient temperature range:</b>	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

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