



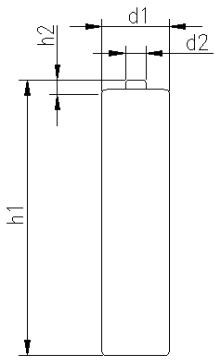
**THE DATASHEET OF  
5035042-XX**



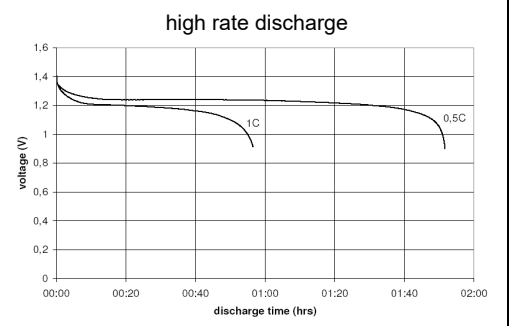
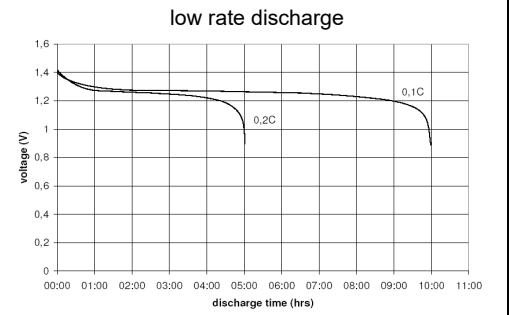
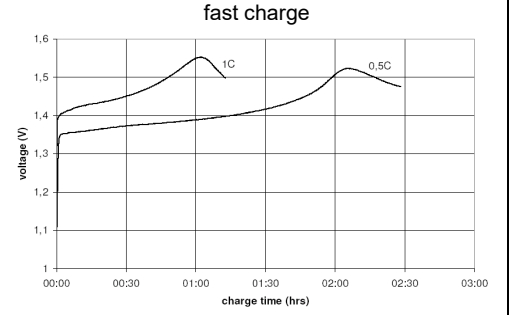
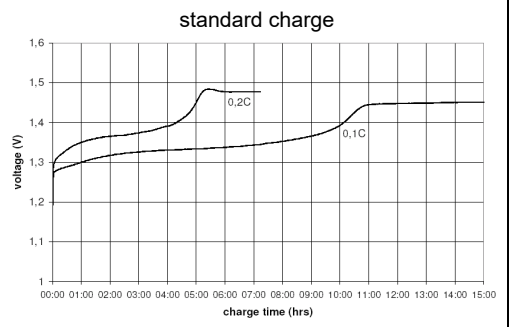
		Conditions
<b>cell type:</b>	NiMH	
<b>cell size:</b>	AAA	
<b>nominal voltage:</b>	1.2 V	
<b>max. charge voltage:</b>	1.5 V	at standard charge (0.1C / 20°C)
<b>capacity</b>		
nominal:	800 mAh	discharge at 0.2C
minimum:	800 mAh	discharge at 0.2C
	750 mAh	discharge at 1C
		1.0V end discharge voltage
		ta: 20°C
<b>max. continuous discharge current:</b>	2400 mA	ta: 0...45°C
<b>charge</b>		
standard charge:	current 80 mA	time 14....16hrs
quick charge:	240 mA	4hrs
fast charge:	800 mA	1.1hrs
recommended charge termination control parameters:	0...5 mV 0.8...1 °C 45...50 °C	-ΔV (-delta V) temperature rise per minute TCO (temperature cut off)
trickle charge current:	8...25 mA	(recommended)
continuous overcharge: (less than 1 year)	≤ 80 mA	no conspicuous deformation no leakage
<b>internal resistance:</b> (impedance)	≤ 60 mΩ	at 1KHz battery fully charged
<b>life expectancy:</b>	≥ 500 cycles	acc. IEC standard
<b>self discharge</b>		
charge retention:	≥ 80 %	after 12 months storage at 20°C
<b>initial capacity:</b>	≥ 550 mAh	within 30 days after delivery discharge at 0.2C
<b>ambient temperature range:</b>	0...45 °C 10...40 °C - 20...65 °C - 20...50 °C - 20...40 °C - 20...30 °C	standard charge fast charge discharge storage (≤3months) storage (≤6months) storage (≤24months)

QCT1: 20/750/60  
QCT2: 30/700/60

mechanical specifications		
cell dimensions		
diameter d1:		10.3 - 0.7 mm
diameter d2:	max.	3.8 mm
height h1:		44.5 - 1.5 mm
height h2:	min.	0.8 mm
weight:		12.5 ± 2 g



**Diagrams**



	<b>ANSMANN Specifications for model:</b>	<b>NiMH Battery</b>
	data sheet no. / part no.	<b>AAA - 800mAh low self discharge</b>
	s.n.	702069
	author / date	TG / 13.07.2018

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- [View 5035042-XX on WIN SOURCE](#)
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