



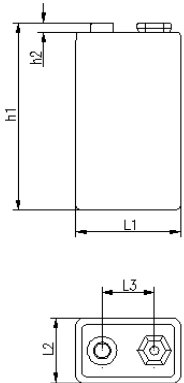
**THE DATASHEET OF  
5035453-XX**



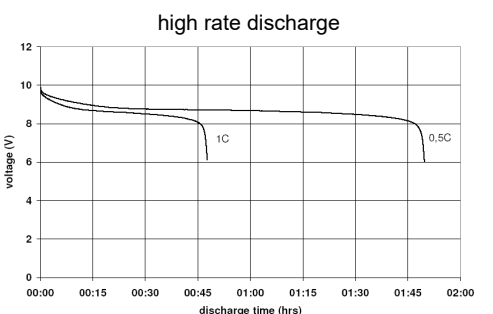
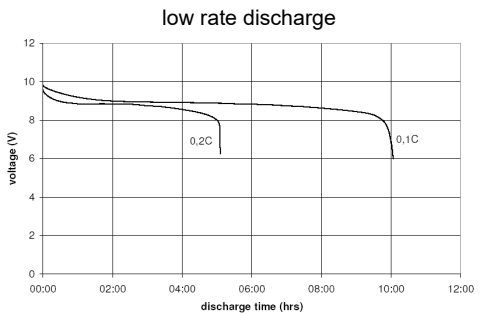
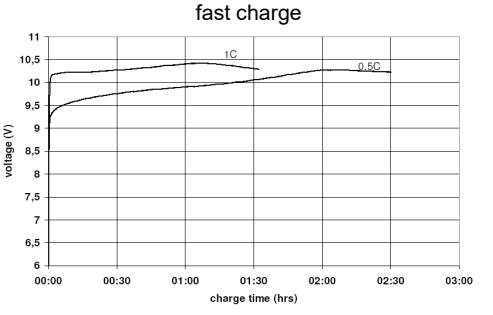
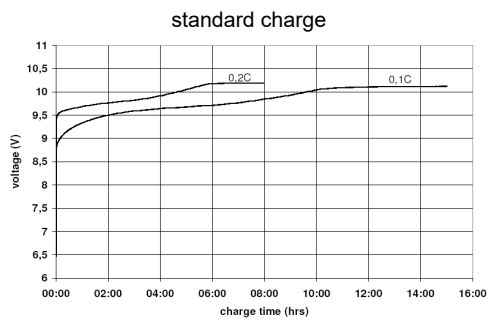
		Conditions
<b>cell type:</b>		NiMH
<b>cell size:</b>		E-block
<b>nominal voltage:</b>	8.4 V	
<b>max. charge voltage:</b>	10.5 V	at standard charge (0.1C / 20°C)
<b>capacity</b>		
nominal:	300 mAh	discharge at 0.2C
minimum:	270 mAh	discharge at 0.2C
	245 mAh	discharge at 1C
		7.0V end discharge voltage
		ta: 20°C
<b>max. continuous discharge current:</b>	400 mA	ta: 0...45°C
<b>charge</b>		
standard charge:	current 30 mA	time 14....16hrs
quick charge:	80 mA	4hrs
fast charge:	270 mA	1.1hrs
<b>recommended charge termination control parameters:</b>	15....35 mV 120 %	- delta V of nominal input by timer cut off
<b>trickle charge current:</b>	3...10 mA	(recommended)
<b>continuous overcharge:</b> (less than 1 year)	≤ 30 mA	no conspicuous deformation no leakage
<b>internal resistance:</b> (impedance)	≤ 0.8 Ω	at 1KHz battery fully charged
<b>life expectancy:</b>	≥ 500 cycles	acc. IEC standard
<b>self discharge</b>		
charge retention:	≥ 80 %	after 6 months storage
(at ≤ 20°C ambient)	≥ 75 %	after 12 months storage
<b>initial capacity:</b>	≥180 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: 20/250/750  
QCT2: 30/225/800

mechanical specifications		
cell dimensions (incl. label)		
Length L1:	26.5 - 2.0	mm
Length L2:	17.5 - 2.0	mm
Length L3:	12.7 ± 0.25	mm
height h1:	48.5 - 1.0	mm
weight:	45 ± 4	g



**Diagrams**



	<b>ANSMANN Specifications for model:</b>	<b>NiMH Battery 9V-E-Block 300mAh</b>
	data sheet no. / part no.	<b>low self discharge</b>
	s.n.	701372
	author / date	TG / 25.01.2019

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

Click below to explore more details on WIN SOURCE:

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