



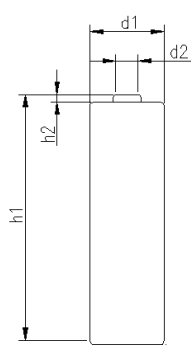
**THE DATASHEET OF
5030852-XX**



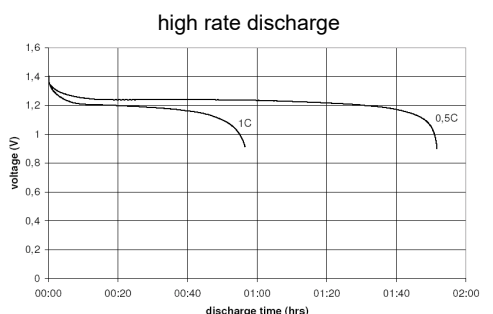
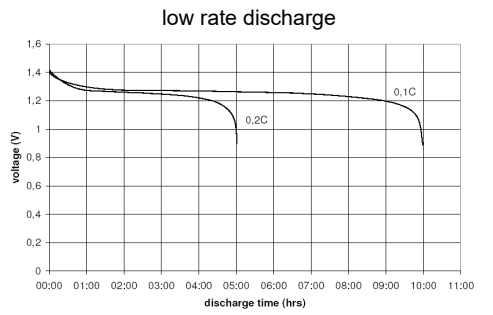
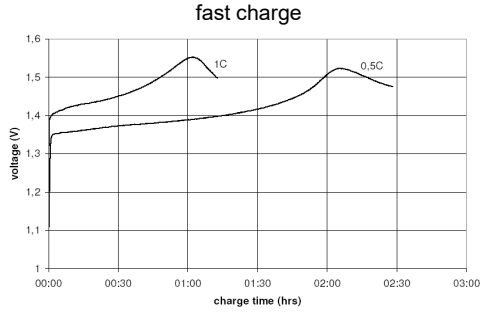
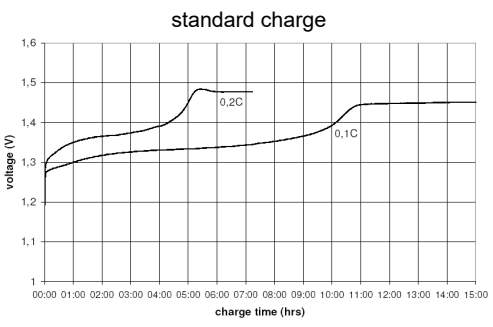
		Conditions	
cell type:	NiMH		
cell size:	AA		
nominal voltage:	1.2 V		
max. charge voltage:	1.5 V	at standard charge (0.1C / 20°C)	
capacity			
nominal:	2700 mAh	discharge at 0.2C	
minimum:	2500 mAh	discharge at 0.2C	
	2300 mAh	discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
max. continuous discharge current:	5000 mA	ta: 0...45°C	
charge		current	time
standard charge:		270 mA	14....16hrs
quick charge:		750 mA	4hrs
fast charge:		2700 mA	1hr
recommended charge termination control parameters:	0...5 mV 0.8...1 °C 45...50 °C	- ΔV (-deltaV) temperature rise per minute TCO (temperature cut off)	
trickle charge current:	20...80 mA	(recommended)	
continuous overcharge: (less than 1 year)	≤ 200 mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 30 mΩ	at 1KHz battery fully charged	
life expectancy:	≥ 500 cycles	acc. IEC standard	
self discharge			
charge retention:	≥ 60 %	after 28 days storage at 20°C	
initial capacity:	≥ 750 mAh	within 30 days after delivery discharge at 0.2C	
ambient temperature range:	0...45 °C 10...40 °C - 20...65 °C - 20...50 °C - 20...40 °C - 20...30 °C	standard charge fast charge discharge storage (≤1month) storage (≤3months) storage (≤12months)	

QCT1: 20/2400/35
QCT2: 30/2200/40

mechanical specifications			
cell dimensions			
diameter d1:		14.5 - 0.7	mm
diameter d2:	max.	5.5	mm
height h1:		50.5 - 0.5	mm
height h2:	min.	1.2	mm
weight:		30 ± 2	g
blister card dimensions:		123 x 85	mm
blister card weight (incl. batteries):		68	g



Diagrams



	ANSMANN Specifications for model:	AA - 2700mAh
		2pcs blister package
	data sheet no. / part no.	5030852
	supplier no.	701372
	author / date	TG / 13.06.2018

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- [View 5030852-XX on WIN SOURCE](#)
- [ANSMANN \(Huizhou\) Trading CO., LTD Information](#)

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- ✓ Cost Control Management
- ✓ Shortage Management
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