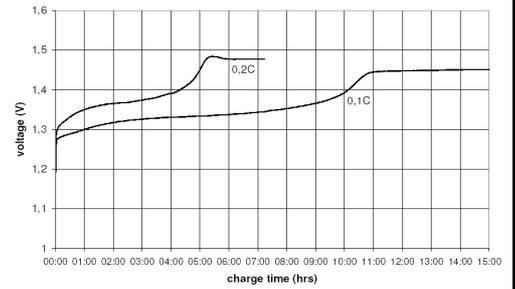


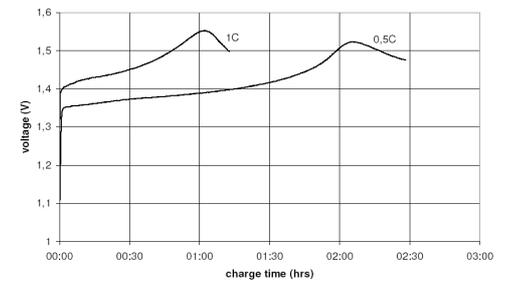
		Conditions	
cell type:	NiMH		
cell size:	AA		
nominal voltage:	1.2 V		
max. charge voltage:	1.5 V	at standard charge (0.1C / 20°C)	
capacity			
nominal:	2700 mAh	discharge at 0.2C	
minimum:	2500 mAh	discharge at 0.2C	
	2300 mAh	discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
max. continuous 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		

Diagrams

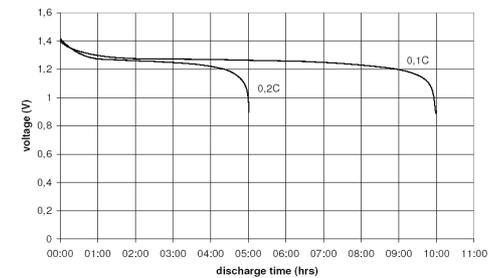
standard charge



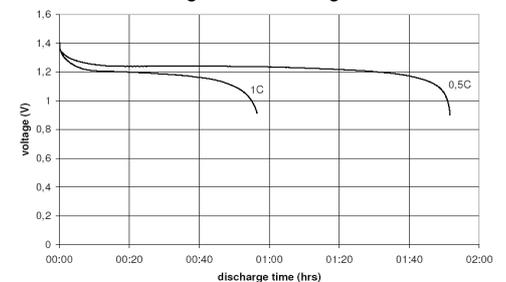
fast charge



low rate discharge

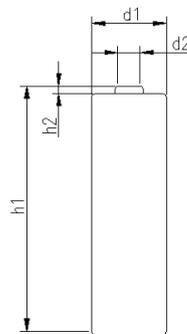


high rate discharge



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



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