

		Conditions	Diagrams
<b>cell type:</b>	NiMH		
<b>cell size:</b>	C		
<b>nominal voltage:</b>	1.2 V	at standard charge (0.1C / 20°C)	
<b>max. charge voltage:</b>	1.5 V		
<b>capacity</b>			
nominal:	4500 mAh	discharge at 0.2C	
minimum:	4500 mAh 4200 mAh	discharge at 0.2C discharge at 1C	
<b>max. continuous discharge current:</b>	6750 mA	ta: 0...45°C	
<b>charge</b>	current	time	
standard charge:	450 mA	14...16hrs	
quick charge:	1350 mA	4hrs	
fast charge:	2250 mA	2.3hrs	
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:	45...150 mA	(recommended)	
continuous overcharge: (less than 1 year)	≤ 450 mA	no conspicuous deformation no leakage	
<b>internal resistance:</b> (impedance)	≤ 20 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>	≥ 3150 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:	20/4300/20		
QCT2:	30/4200/20		
<b>mechanical specifications</b>			
cell dimensions			
diameter d1:	25.6 - 1.0	mm	
diameter d2:	max. 7.5	mm	
height h1:	50.0 - 2.0	mm	
height h2:	min. 1.5	mm	
weight:	80 ± 4	g	
blister card dimensions:	123 x 85	mm	
blister card weight (incl. batteries):	168	g	

	<b>ANSMANN Specifications for model:</b>	<b>C - 4500mAh low self discharge 2pcs blister package</b>
	data sheet no. / part no.	5035352
	supplier no.	702069
	author / date	TG / 12.06.2018

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