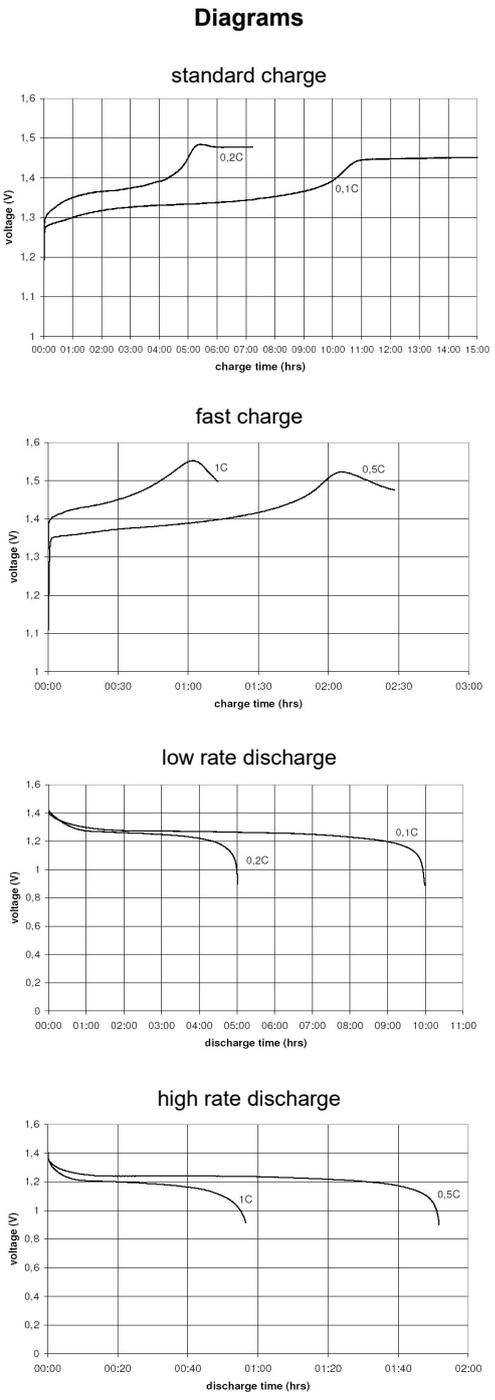


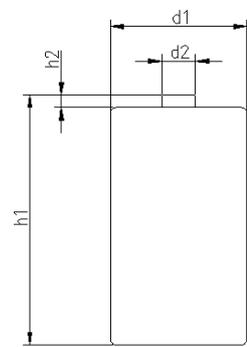
		Conditions	
<b>cell type:</b>		NiMH	
<b>cell size:</b>		D	
<b>nominal voltage:</b>	1.2	V	
<b>max. charge voltage:</b>	1.5	V	
		at standard charge (0.1C / 20°C)	
<b>capacity</b>			
nominal:	5000	mAh	
minimum:	5000	mAh	
	4500	mAh	
		discharge at 0.2C	
		discharge at 0.2C	
		discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
<b>max. continuous discharge current:</b>	7500	mA	
		ta: 0...45°C	
<b>charge</b>		current	time
standard charge:	500	mA 14....16hrs	
quick charge:	1500	mA 4hrs	
fast charge:	2500	mA 2.3hrs	
recommended charge termination control parameters:	0...5	mV - ΔV (-deltaV)	
	0.8...1	°C temperature rise per minute	
	45...50	°C TCO (temperature cut off)	
trickle charge current:	25...150	mA (recommended)	
continuous overcharge: (less than 1 year)	≤ 500	mA no conspicuous deformation no leakage	
<b>internal resistance:</b> (impedance)	≤ 30	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>	≥ 3500	mAh within 30 days after delivery discharge at 0.2C	
<b>ambient temperature range:</b>	0...45	°C standard charge	
	10...40	°C fast charge	
	0...45	°C discharge (≥1C)	
	- 20...65	°C discharge (<1C)	
	- 20...50	°C storage (≤3months)	
	- 20...40	°C storage (≤6months)	
	- 20...30	°C storage (≤24months)	
QCT1:	20/4750/20		
QCT2:	30/4500/20		



**mechanical specifications**

cell dimensions

diameter d1:	32.8 - 1.0	mm
diameter d2:	max. 9.5	mm
height h1:	61.5 - 2.0	mm
height h2:	min. 1.5	mm
weight:	115 ± 5	g
blister card dimensions:	123 x 85	mm
blister card weight (incl. batteries):	240	g



	<b>ANSMANN Specifications for model:</b>	<b>D - 5000mAh low self discharge 2pcs blister package</b>
	data sheet no. / part no.	5030922
	supplier no.	702069
	author / date	TG / 18.06.2024

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