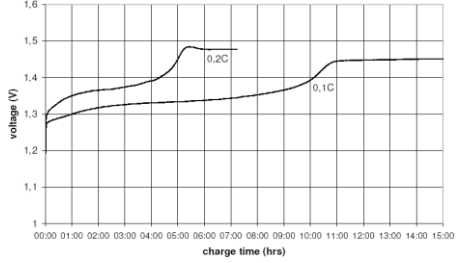
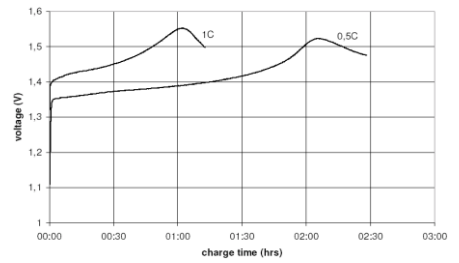
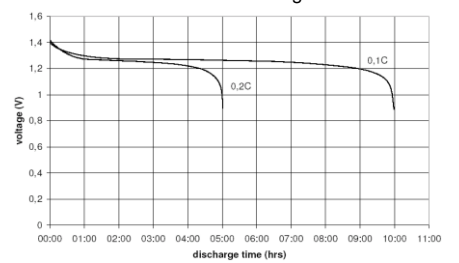
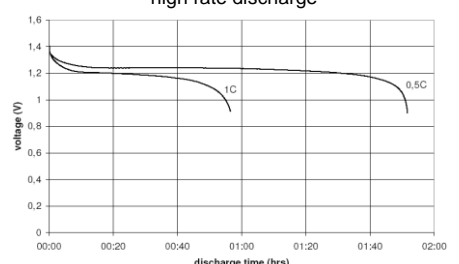
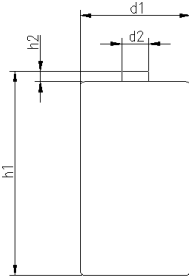



		Conditions	Diagrams
cell type:	NiMH		
cell size:	D		
nominal voltage:	1.2 V		
max. charge voltage:	1.5 V	at standard charge (0.1C / 20°C)	standard charge 
capacity			
nominal:	3000 mAh	discharge at 0.2C	
minimum:	2500 mAh	discharge at 0.2C	
	2250 mAh	discharge at 1C	
		1.0V end discharge voltage ta: 20°C	
max. continuous discharge current:	5000 mA	ta: 0...45°C	fast charge 
charge	current	time	
standard charge:	300 mA	14...16hrs	
quick charge:	800 mA	4hrs	
fast charge:	3000 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:	25...75 mA	(recommended)	low rate discharge 
continuous overcharge: (less than 1 year)	≤ 250 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:	≥ 800 mAh	within 30 days after delivery discharge at 0.2C	
ambient temperature range:	0...45 °C 10...40 °C 0...45 °C - 20...65 °C - 20...50 °C - 20...40 °C - 20...30 °C	standard charge fast charge discharge (≥1C) discharge (<1C) storage (≤1month) storage (≤3months) storage (≤12months)	high rate discharge 
QCT1:	20/2350/30		
QCT2:	30/2200/35		
mechanical specifications			
cell dimensions (inc.label)			
diameter d1:	33.0 - 1.0 mm		
diameter d2:	max. 9.5 mm		
height h1:	61.5 - 2.0 mm		
height h2:	min. 1.5 mm		
weight:	110 ± 5 g		
blister card dimensions:	120 x 86 mm		
blister card weight (incl. batteries):	230 g		
			



ANSMANN Specifications for model:

data sheet no. / part no.	5035312
supplier no.	701372
author / date	TG / 15.02.2016

**D - 3000mAh HyCell
2pcs blister package**