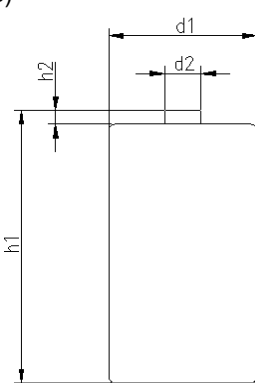
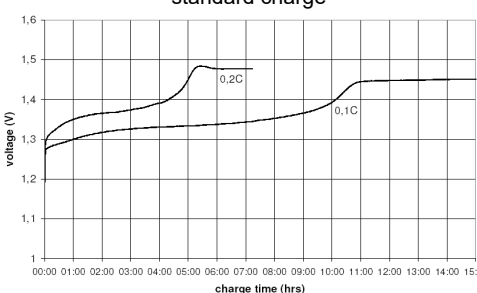
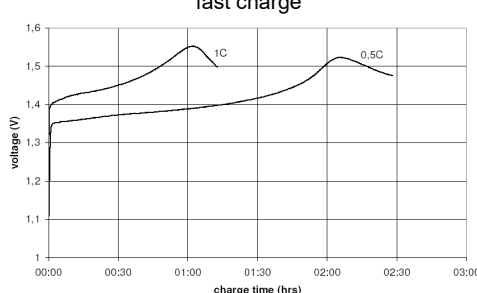
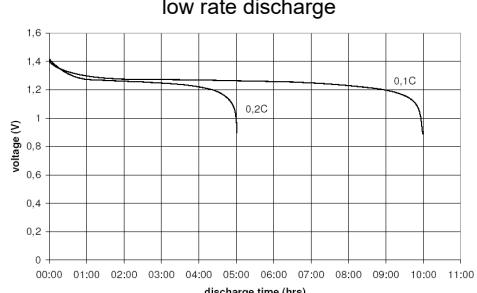
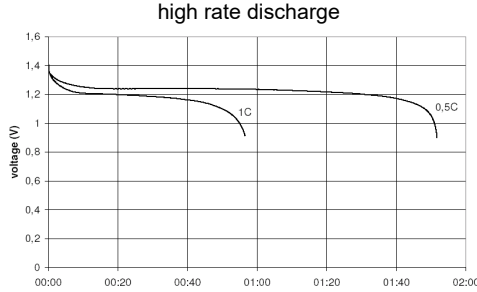


			Conditions	Diagrams
cell type:	NiMH			
cell size:	D			
nominal voltage:	1.2	V		
max. charge voltage:	1.5	V	at standard charge (0.1C / 20°C)	
capacity				
nominal:	8500	mAh	discharge at 0.2C	
minimum:	8500	mAh	discharge at 0.2C	
	8000	mAh	discharge at 1C	
			1.0V end discharge voltage	
			ta: 20°C	
max. continuous discharge current:	8500	mA	ta: 0...45°C	
charge	current	time		
standard charge:	850	mA	14....16hrs	
quick charge:	1700	mA	6hrs	
fast charge:	3400	mA	3hrs	
recommended charge	0...5	mV	- ΔV (-deltaV)	
termination control	0.8...1	°C	temperature rise per minute	
parameters:	45...50	°C	TCO (temperature cut off)	
trickle charge current:	50...250	mA	(recommended)	
continuous overcharge: (less than 1 year)	≤ 850	mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 20	mΩ	at 1KHz battery fully charged	
life expectance:	≥ 500	cycles	acc. IEC standard	
self discharge				
charge retention:	≥ 80	%	after 12 months storage at 20°C	
initial capacity:	≥ 5500	mAh	within 30 days after delivery discharge at 0.2C	
ambient temperature range:	0...45 °C		standard charge	
	10...40 °C		fast charge	
	- 20...65 °C		discharge	
	- 20...50 °C		storage (≤3months)	
	- 20...40 °C		storage (≤6months)	
	- 20...30 °C		storage (≤24months)	
QCT1:	20/8000/15			
QCT2:	30/7800/15			
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:	136 ± 5	g		
				
				
				
				
				

	ANSMANN Specifications for model:	NiMH Battery
	data sheet no. / part no.	D - 8500mAh low self discharge
	supplier no.	702069
	author / date	TG / 18.12.2018