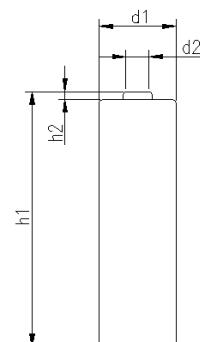
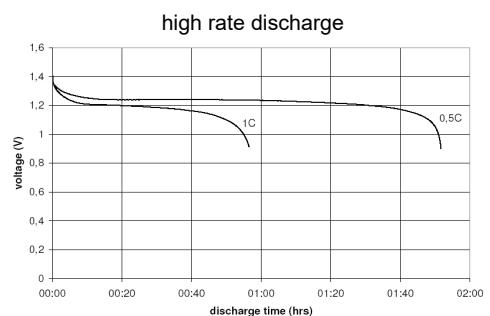
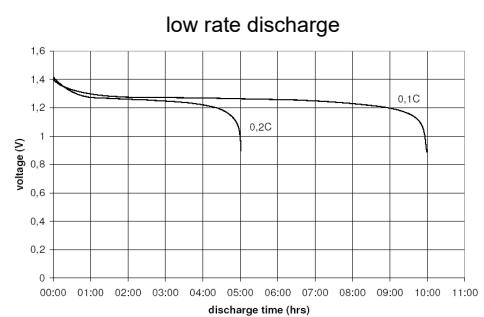
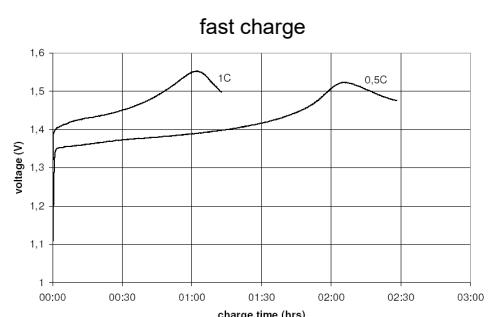
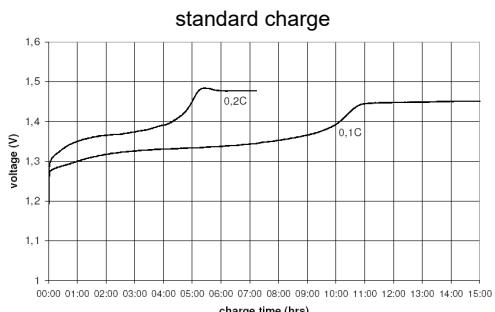


Conditions		
cell type:	NiMH	
cell size:	AA	
nominal voltage:	1.2 V	
max. charge voltage:	1.5 V	at standard charge (0.1C / 20°C)
capacity		
nominal:	2500 mAh	discharge at 0.2C
minimum:	2400 mAh	discharge at 0.2C
	2200 mAh	discharge at 1C
		1.0V end discharge voltage
		ta: 20°C
max. continuous discharge current:	5000 mA	ta: 0....45°C
charge	current	time
standard charge:	250 mA	14....16hrs
quick charge:	700 mA	4hrs
fast charge:	2500 mA	1.1hr
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:	10...50 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:	≥ 75 %	after 12 months storage at 20°C
initial capacity:	≥ 1600 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 (<3months) storage (<6months) storage (<24months)
QCT1:	20/2300/35	
QCT2:	30/2150/40	
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

**Diagrams**

ANSMANN®	ANSMANN Specifications for model:	NiMH Battery AA - 2500mAh low self discharge
	data sheet no. / part no.	
	supplier no.	701372
	author / date	TG / 11.10.2018