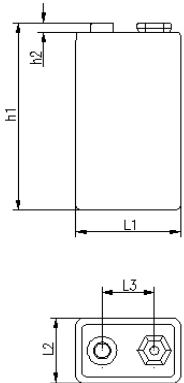
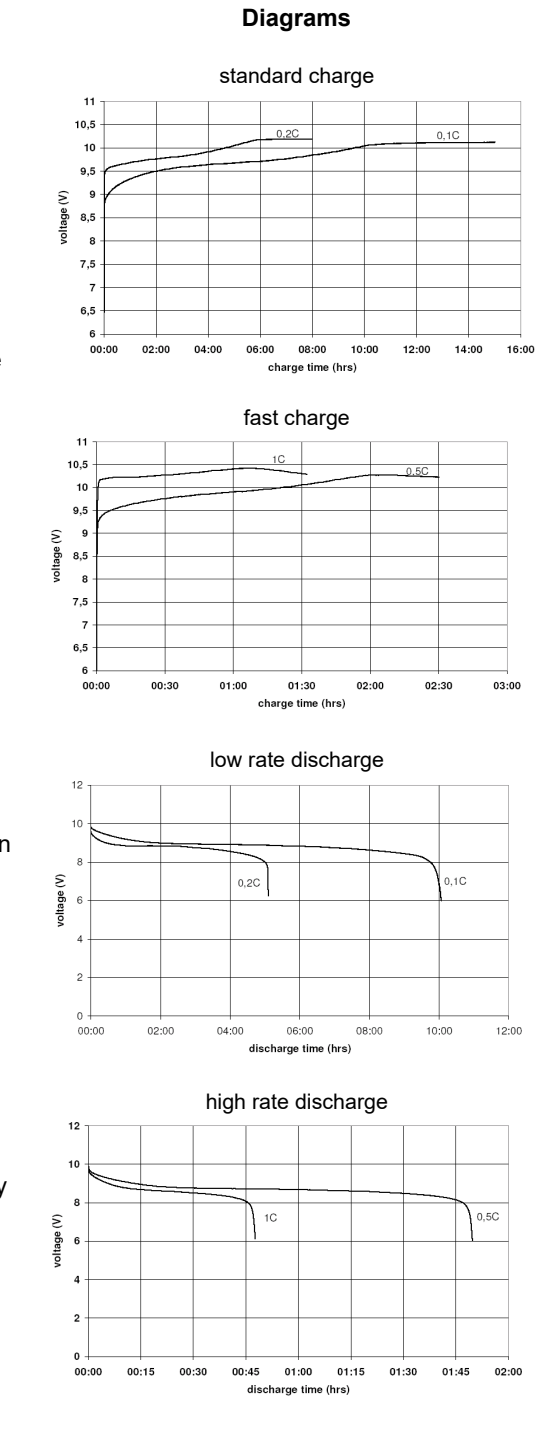


		Conditions
cell type:		NiMH
cell size:		E-block
nominal voltage:	8.4 V	
max. charge voltage:	10.5 V	at standard charge (0.1C / 20°C)
capacity		
nominal:	300 mAh	discharge at 0.2C
minimum:	270 mAh	discharge at 0.2C
	245 mAh	discharge at 1C
		7.0V end discharge voltage
		ta: 20°C
max. continuous discharge current:	400 mA	ta: 0...45°C
charge		
standard charge:	current 30 mA	time 14....16hrs
quick charge:	80 mA	4hrs
fast charge:	270 mA	1.1hrs
recommended charge termination control parameters:	15....35 mV 120 %	- delta V of nominal input by timer cut off
trickle charge current:	3...10 mA	(recommended)
continuous overcharge: (less than 1 year)	≤ 30 mA	no conspicuous deformation no leakage
internal resistance: (impedance)	≤ 0.8 Ω	at 1KHz battery fully charged
life expectance:	≥ 500 cycles	acc. IEC standard
self discharge		
charge retention:	≥ 80 %	after 6 months storage
(at ≤ 20°C ambient)	≥ 75 %	after 12 months storage
initial capacity:	≥180 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: 20/250/750
QCT2: 30/225/800

mechanical specifications		
cell dimensions (incl. label)		
Length L1:	26.5 - 2.0	mm
Length L2:	17.5 - 2.0	mm
Length L3:	12.7 ± 0.25	mm
height h1:	48.5 - 1.0	mm
weight:	45 ± 4	g



	ANSMANN Specifications for model:	NiMH Battery 9V-E-Block 300mAh
	data sheet no. / part no.	low self discharge
	supplier no.	701372
	author / date	TG / 25.01.2019