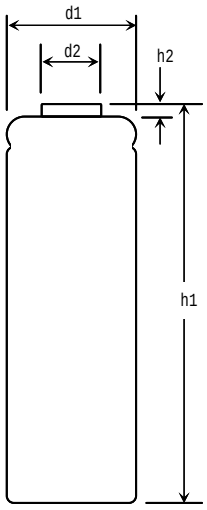
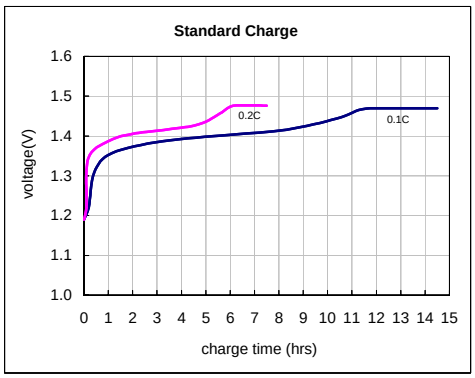
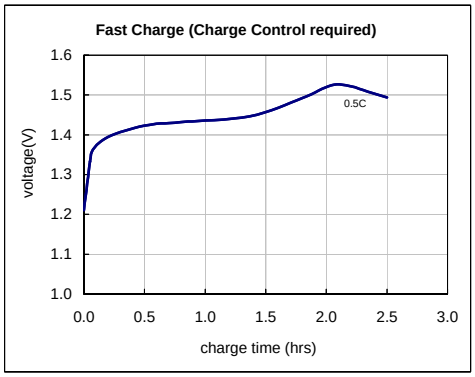
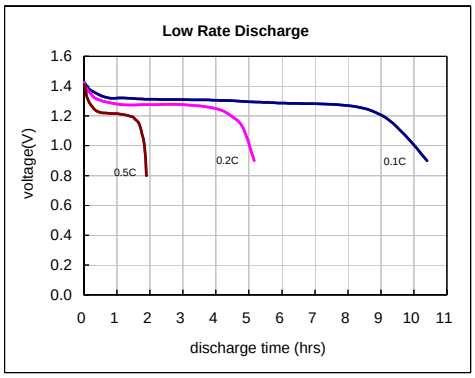
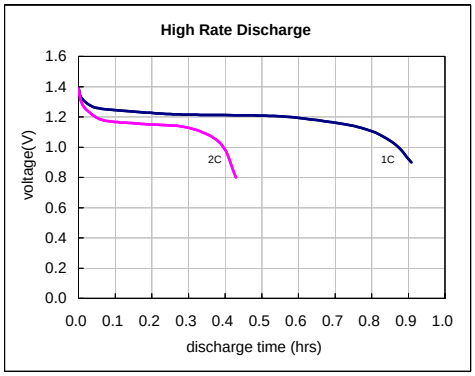
		conditions
nominal voltage	1.2 V	
max. charge voltage	1.5 V	at standard charge (0.1C/20°C)
capacity		
nominal	2400 mAh	discharge at 0.2C
	>2040 mAh	discharge at 1C
minimal	2200 mAh	discharge at 0.2C 1.0V end discharge voltage ambient temperature 20°C
typical	2250mAh	discharge at 0.2C
max. discharge current	7200 mA	ambient temperature 20…50°C
charge	charge current	charge time
standard charge	240 mA	15hrs at 20°C
quick charge	700 mA	3.3hrs for empty battery
fast charge	1500 mA	1.50hrs for empty battery
mas. Charge	2200mA	50mins
recommended charge	-dV	0…5mV
termination control parameters	dT/dt TCO	0.8…1°C per min 40…50°C
trickle charge current	23…50 mA	(recommended)
continuous overcharge (less than 1 year)	<100 mA	no conspicuous deformation no leakage
internal resistance	<25 mOhms	at 1000Hz battery fully charged
life expectancy	>500 cycles	IEC61951-2 standard
ambient temperature range	0…45°C 10…45°C -20…50°C -10…45°C -10…35°C	standard charge fast charge discharge storage less than 3 months storage less than 1 year











mechanical specifications

cell dimensions (with sleeve)	
diameter d1	14.4-0.5 mm
diameter d2	8.0+/-0.4 mm
height h1	50.0-0.5 mm
weight	approx. 29 g

DATA SHEET FOR	Ni-MH AA
VAPEXTECH DRAWING	VTE2400AAF
DRAWN BY / DATE	Herry Li/2005/11/15

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