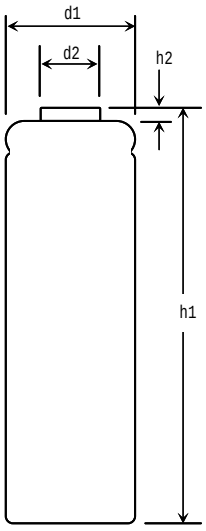
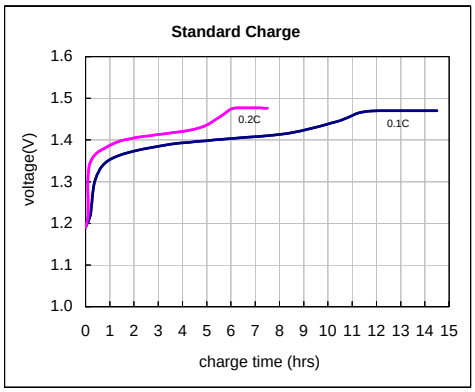
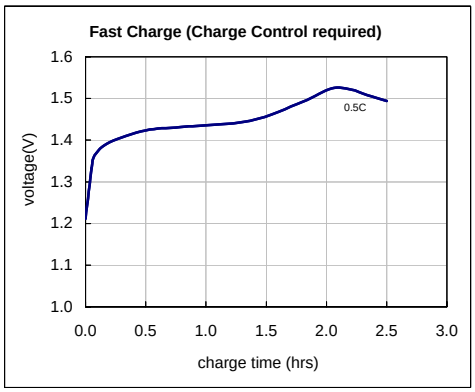
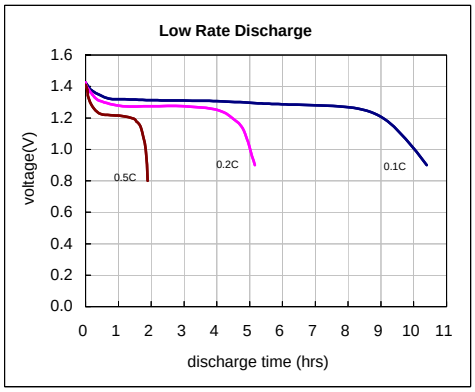
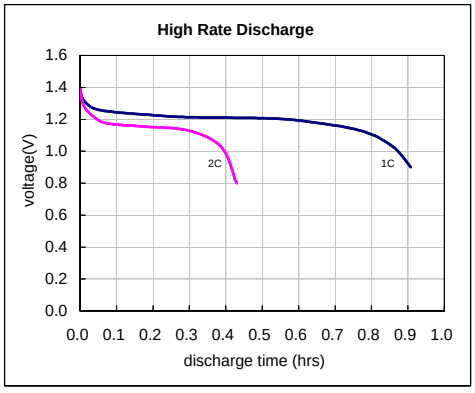
		conditions
nominal voltage	1.2 V	
max. charge voltage	1.5 V	at standard charge (0.1C/20℃)
capacity		
nominal	2400 mAh	discharge at 0.2C
	>2040 mAh	discharge at 1C
minimal	2200 mAh	discharge at 0.2C
		1.0V end discharge voltage
		ambient temperature 20℃
typical	2250mAh	discharge at 0.2C
max. discharge current	7200 mA	ambient temperature 20…50℃
charge	charge current	charge time
standard charge	240 mA	15hrs at 20℃
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	0.8…1℃ per min
	TCO	40…50℃
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℃	standard charge
	10…45℃	fast charge
	-20…50℃	discharge
	-10…45℃	storage less than 3 months
	-10…35℃	storage less than 1 year











mechanical specifications

cell dimensions (with sleeve)

diameter d1	14.4-0.5 mm
diameter d2	5.0+/-0.4 mm
height h1	50.5-0.5 mm
height h2	1.5-0.3 mm
weight	approx. 29 g

DATA SHEET FOR	Ni-MH AA
VAPEXTECH DRAWING	VTE2400AA
DRAWN BY / DATE	Herry Li/2005/5/15

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