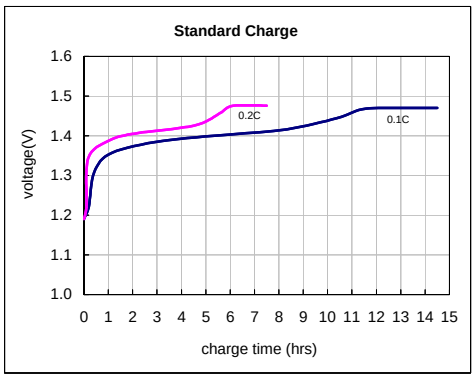
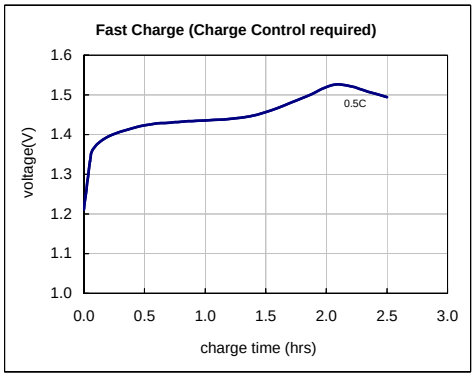
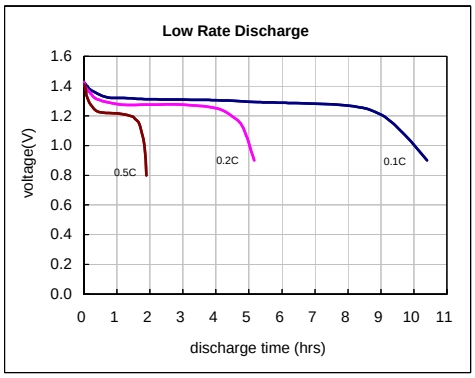
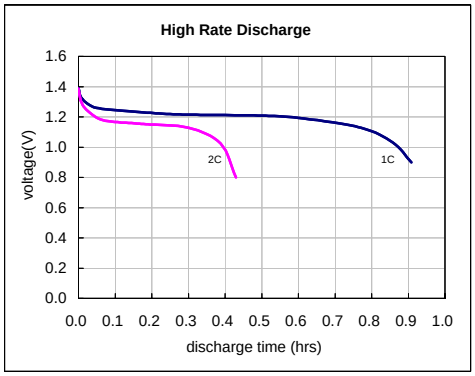
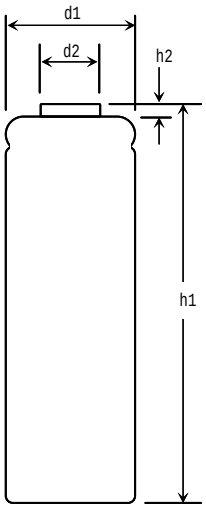
		conditions
nominal voltage	1.2 V	
max. charge voltage	1.5 V	at standard charge (0.1C/20°C)
capacity		
nominal	2700 mAh	discharge at 0.2C
	>2250 mAh	discharge at 1C
minimal	2500 mAh	discharge at 0.2C 1.0V end discharge voltage ambient temperature 20°C
Typical	2550mAh	discharge at 0.2C
max. discharge current	8100 mA	ambient temperature 20…50°C
charge	charge current	charge time
standard charge	270 mA	15hrs at 20°C
quick charge	700 mA	4hrs for empty battery
fast charge	1500 mA	1.9hrs for empty battery
max. Charge	2500mA	50 mins
recommended charge	-dV	0…5mV
termination control	dT/dt	0.8…1°C per min
parameters	TCO	40…50°C
trickle charge current	50…100 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	IEC 61951-2 standard
ambient temperature range	0…45°C	standard charge
	10…45°C	fast charge
	-20…50°C	discharge
	-10…45°C	storage less than 3 months
	-10…35°C	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. 31 g

DATA SHEET FOR	Ni-MH AA
VAPEXTECH DRAWING	VTE2700AA
DRAWN BY / DATE	Herry Li/2005/05/15

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

VAPEX TECHNOLOGY LIMITED.