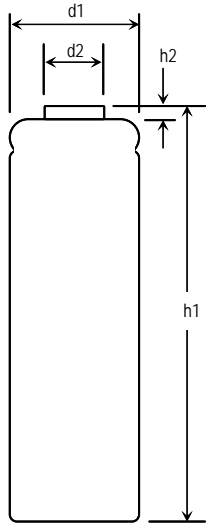
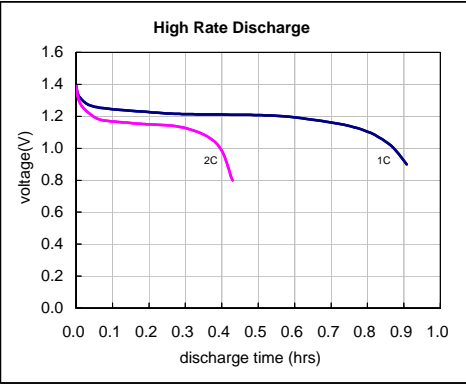
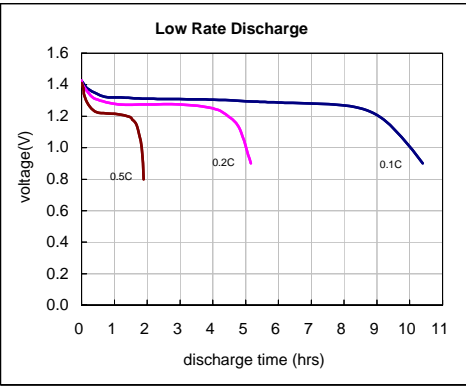
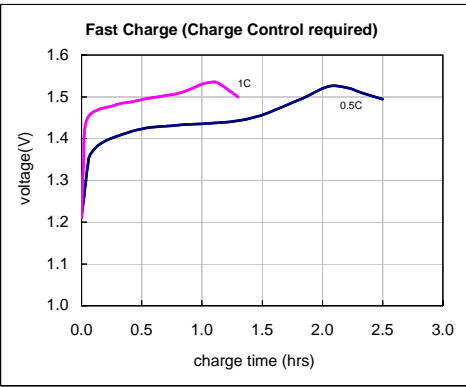
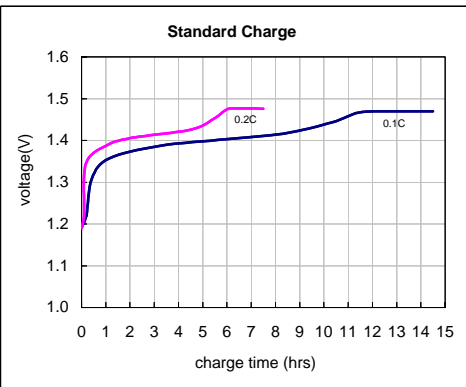


<b>nominal voltage</b>	1.2 V	conditions
<b>max. charge voltage</b>	1.5 V	at standard charge (0.1C/20°C)
<b>capacity</b>		
nominal	1800mAh	discharge at 0.2C
	>1660 mAh	discharge at 1C
minimal	1800mAh	discharge at 0.2C
		1.0V end discharge voltage
		ambient temperature 20°C
typical	1850mAh	discharge at 0.2C
<b>max. discharge current</b>	5400 mA	ambient temperature 20...50°C
<b>charge</b>	charge current	charge time
standard charge	180 mA	15hrs at 20°C
quick charge	700 mA	2.7hrs for empty battery
fast charge	1500 mA	1.1hrs for empty battery
max.charge	2000mA	45mins
recommended charge	-dV	0...10 mV
termination control	dT/dt	0.8...1°C per min
parameters	TCO	40...50°C
trickle charge current	54...90 mA	(recommended)
continuous overcharge (less than 1 year)	<100 mA	no conspicuous deformation no leakage
<b>internal resistance</b>	<25 mOhms	at 1000Hz battery fully charged
<b>life expectancy</b>	>500 cycles	IEC61951-2 standard
<b>ambient temperature range</b>	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	14.3-0.5 mm
diameter d2	5.0+/-0.4 mm
height h1	50.5-0.5 mm
height h2	1.5-0.3 mm
weight	approx. 27 g

DATA SHEET FOR	Ni-MH AA
VAPExTECH DRAWING	VTE1800AA
DRAWN BY / DATE	Herry Li/2005/6/15

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