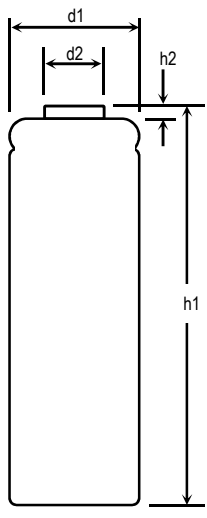
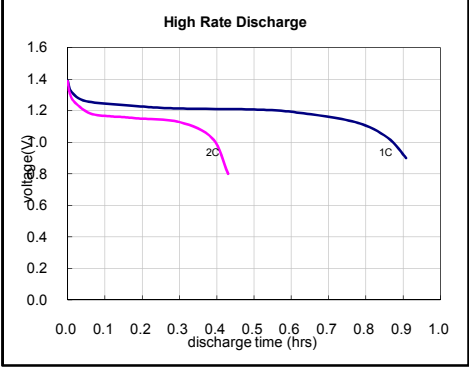
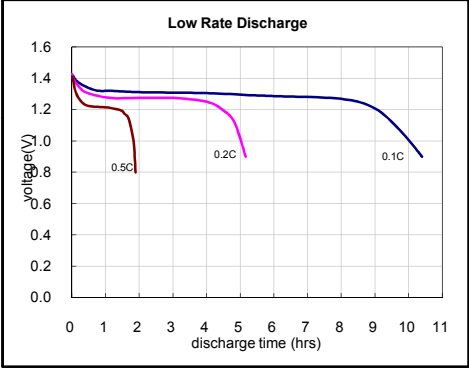
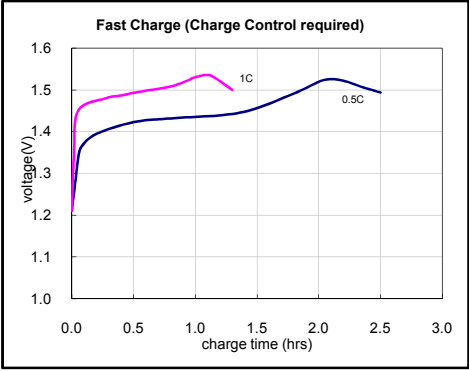
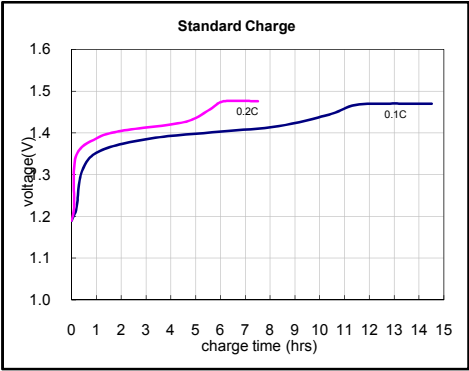


nominal voltage	1.2 V	conditions
max. charge voltage	1.5 V	at standard charge (0.1C/20°C)
capacity		
nominal	1800mAh	discharge at 0.2C
	>1660 mAh	discharge at 1C
minimal	1800mAh	discharge at 0.2C
		1.0V end discharge voltage
		ambient temperature 20°C
typical	1850mAh	discharge at 0.2C
max. discharge current	5400 mA	ambient temperature 20...50°C
charge		
standard charge	charge current 180 mA	charge time 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
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	14.3-0.5 mm
diameter d2	5.0+/-0.4 mm
height h1	50.3-0.5 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.