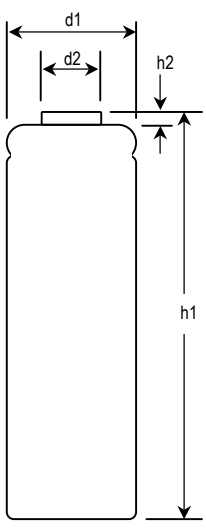
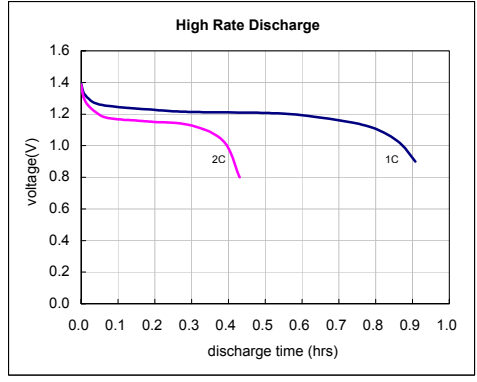
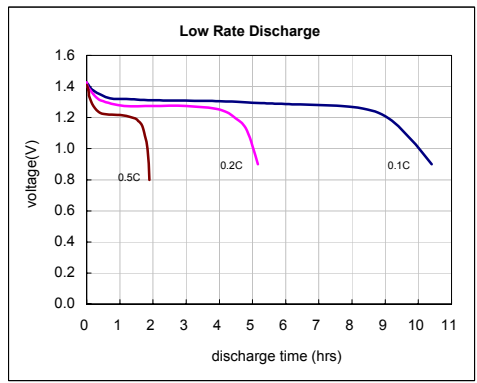
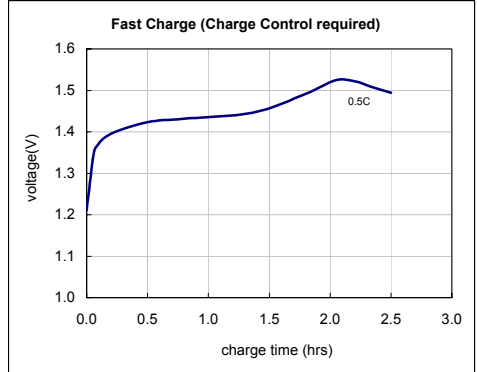
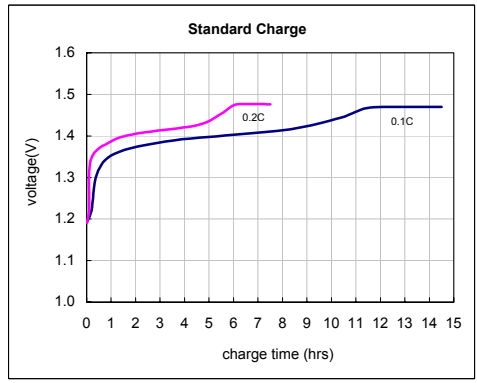


<b>nominal voltage</b>	1.2 V	conditions
<b>max. charge voltage</b>	1.5 V	at standard charge (0.1C/20°C)
<b>capacity</b>		
nominal	2900 mAh	discharge at 0.2C
	>2450 mAh	discharge at 1C
minimal	2650 mAh	discharge at 0.2C
		1.0V end discharge voltage
		ambient temperature 20°C
Typical	2700mAh	discharge at 0.2C
<b>max. discharge current</b>	8700 mA	ambient temperature 20...50°C
<b>charge</b>		
standard charge	charge current 290 mA	charge time 15hrs at 20°C
quick charge	700 mA	4.5hrs for empty battery
fast charge	1200 mA	2.5hrs for empty battery
max. Charge	4000mA	35 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
<b>internal resistance</b>	<25 mOhms	at 1000Hz battery fully charged
<b>life expectancy</b>	>500 cycles	IEC 61951-2 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	14.4-0.5 mm
diameter d2	5.0+/-0.4 mm
height h1	50.5-0.5 mm
height h2	1.5-0.3 mm
weight	approx. 30 g

DATA SHEET FOR	Ni-MH AA
VAPEXTECH DRAWING	VTE2900AA
DRAWN BY / DATE	Herry Li/2005/05/15

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