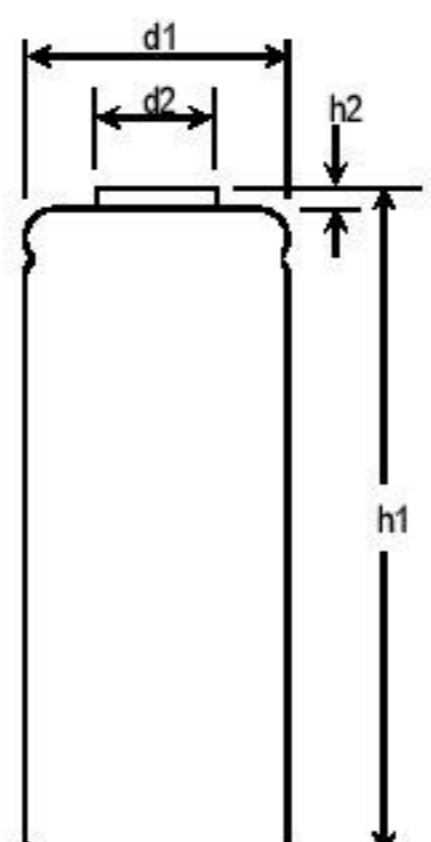
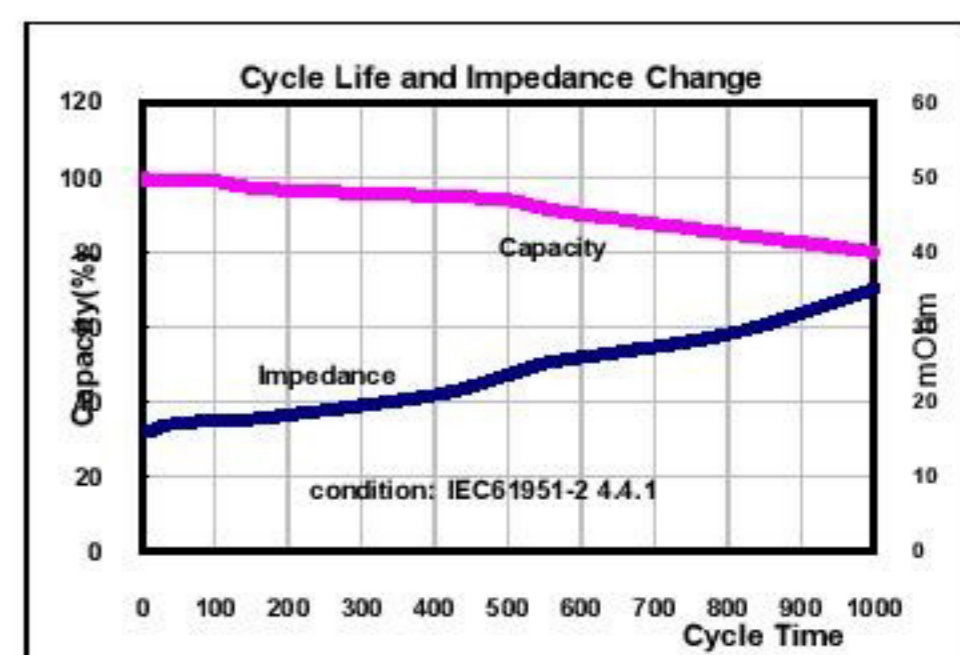
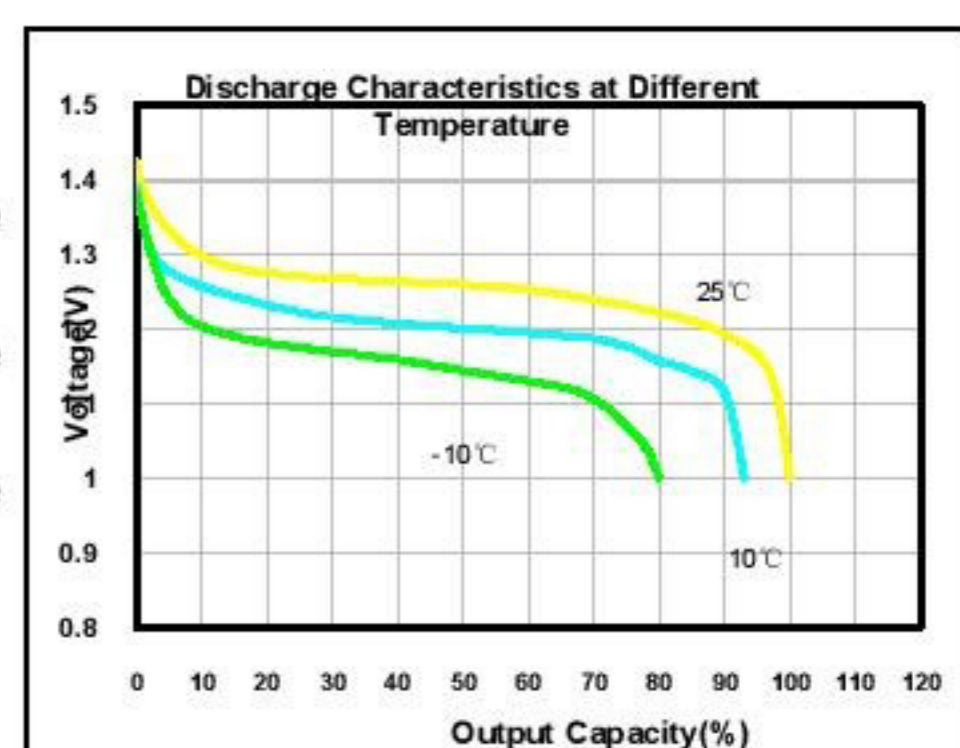
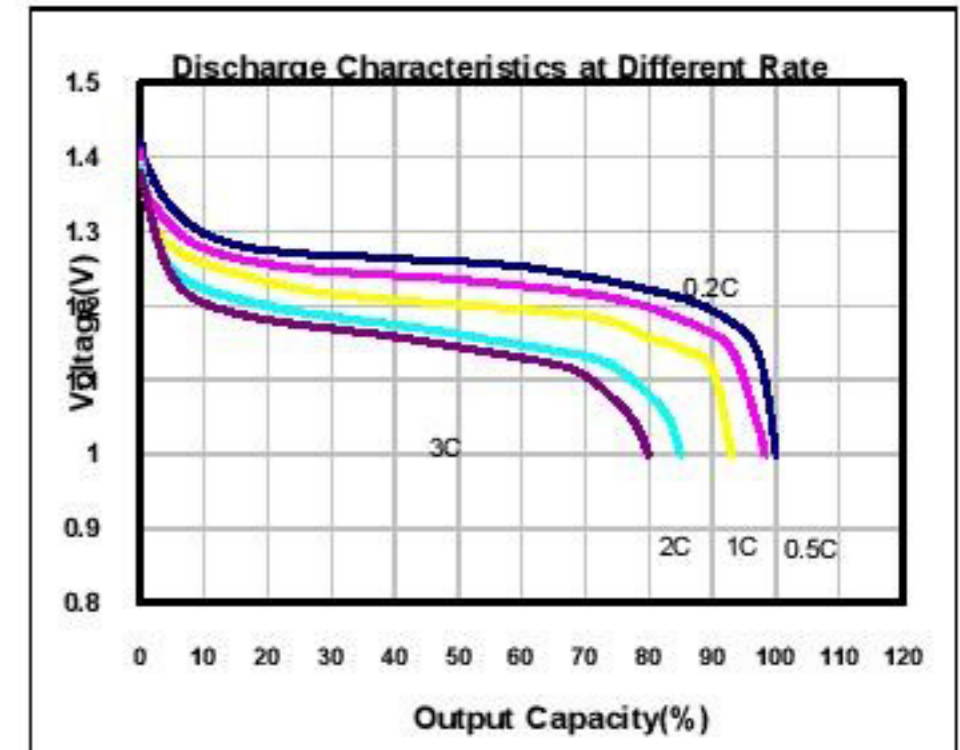
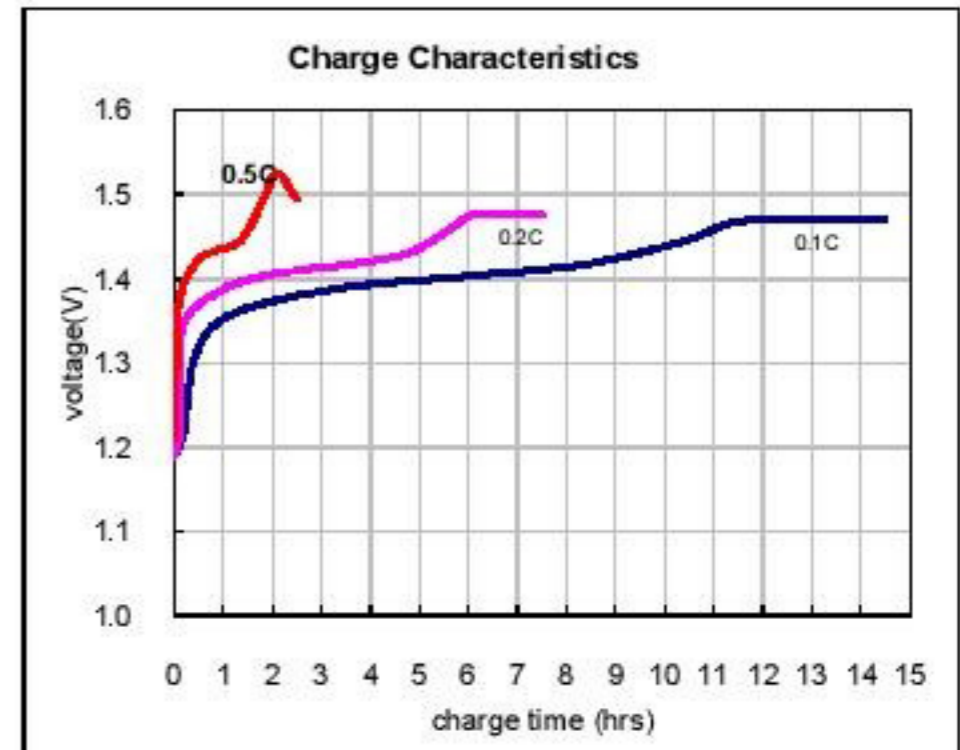


nominal voltage	1.2 V	conditions
max. charge voltage	1.5 V	at standard charge (0.1C/20°C)
capacity		
nominal	2500 mAh	discharge at 0.2C
	>2125 mAh	discharge at 1C
minimal	2300 mAh	discharge at 0.2C
		1.0V end discharge voltage
		ambient temperature 20°C
typical	2400mAh	discharge at 0.2C °C
Low Temperature Discharge	>1750mAh	discharged at 0.2C at -10°C
max. discharge current	7500 mA	ambient temperature 20...50°C
charge		
standard charge	charge current 250 mA	charge time 15hrs at 20°C
quick charge	700 mA	3.8hrs for empty battery
max. charge	2500mA	55mins
recommended charge termination control	-dV	0... 10 mV
parameters	dT/dt	0.8... 1°C per min
trickle charge current	TCO	40...50°C
	75...125 mA	(recommended)
Charge retention	>2125mAh	discharge at 0.2C after storage 28 days at 20+/-5°C
	>1750mAh	discharge at 0.2C after storage 6 months at 20+/-5°C
	>1500mAh	discharge at 0.2C after storage 12 months at 20+/-5°C
internal resistance	<25 mOhms	at 1000Hz battery fully charged
life expectancy	>1000 cycles	IEC61951-2 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	14.35-0.5 mm
diameter d2	5.0+/-0.4 mm
height h1	50.35-0.5 mm
height h2	1.5-0.3 mm
weight	approx. 28 g

DATA SHEET FOR	Ni-MH AA
VAPEXTECH DRAWING	in2500AA
DRAWN BY / DATE	Herry Li/2011/03/10

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