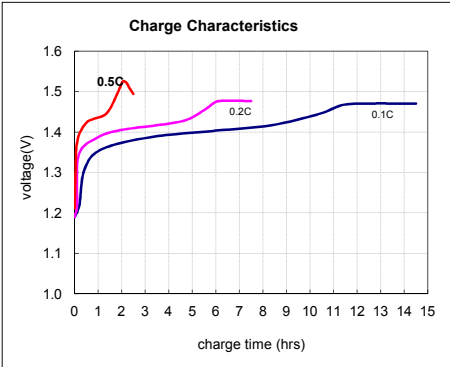
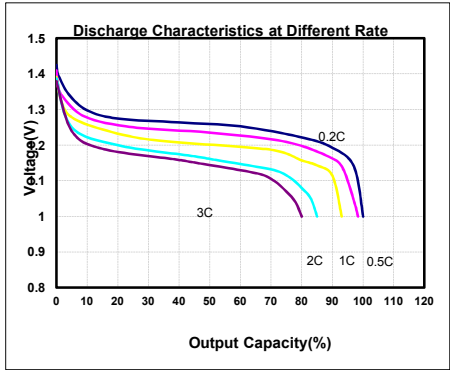
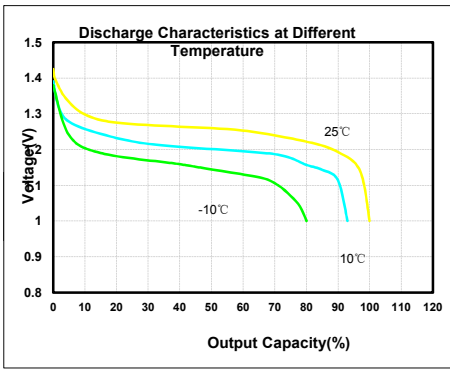
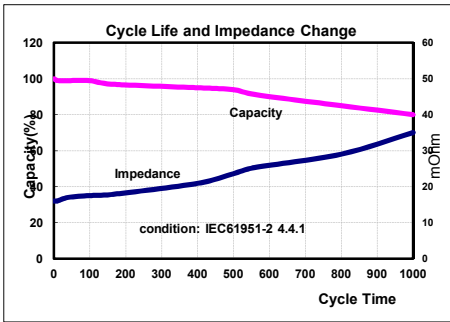

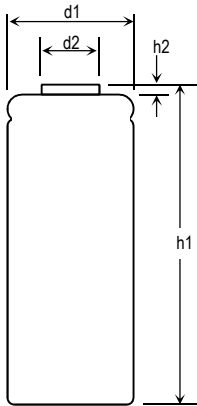


<b>nominal voltage</b>	1.2 V	conditions		
<b>max. charge voltage</b>	1.5 V	at standard charge (0.1C/20°C)		
<b>capacity</b>				
nominal	2500 mAh	discharge at 0.2C		
minimal	>2125 mAh	discharge at 1C		
	2300 mAh	discharge at 0.2C		
		1.0V end discharge voltage		
		ambient temperature 20°C		
typical	2400mAh	discharge at 0.2C °C		
<b>Low Temperature Discharge</b>	>1750mAh	discharged at 0.2C at -10°C		
<b>max. discharge current</b>	7500 mA	ambient temperature 20...50°C		
<b>charge</b>				
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	-dV	0...10 mV		
termination control	dT/dt	0.8...1°C per min		
parameters	TCO	40...50°C		
trickle charge current	75...125 mA	(recommended)		
<b>Charge retention</b>	>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		
<b>internal resistance</b>	<25 mOhms	at 1000Hz battery fully charged		
<b>life expectancy</b>	>1000 cycles	IEC61951-2 standard		
<b>ambient temperature range</b>	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		
				
<b>mechanical specifications</b>				
cell dimensions (with sleeve)				
diameter d1	14.3-0.5 mm			
diameter d2	7.0+/-0.4 mm			
height h1	49.8-0.5 mm			
weight	approx. 28 g			
DATA SHEET FOR	Ni-MH AA			
VAPEXTECH DRAWING	in2500AAF			
DRAWN BY / DATE	Herry Li/2011/03/10			

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