
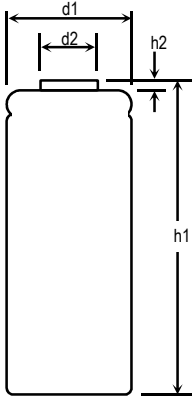
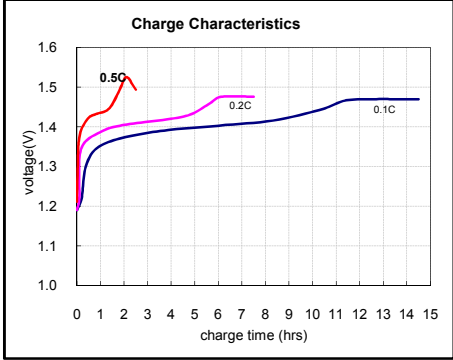


nominal voltage	1.2 V	conditions		
max. charge voltage	1.5 V	at standard charge (0.1C/20°C)		
capacity				
nominal	2100 mAh	discharge at 0.2C		
minimal	>1890 mAh	discharge at 1C		
	2000 mAh	discharge at 0.2C		
		1.0V end discharge voltage		
typical	2050mAh	ambient temperature 20°C		
		discharge at 0.2C		
Low Temperature Discharge	>1500mAh	discharged at 0.2C at -10°C		
max. discharge current	6300 mA	ambient temperature 20...50°C		
charge				
standard charge	charge current 210 mA	charge time 15hrs at 20°C		
quick charge	700 mA	3.2hrs for empty battery		
max. charge	2100mA	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	60...105 mA	(recommended)		
Charge retention	>1800mAh	discharge at 0.2C after storage 28 days at 20+/-5°C		
	>1600mAh	discharge at 0.2C after storage 6 months at 20+/-5°C		
	>1200mAh	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		

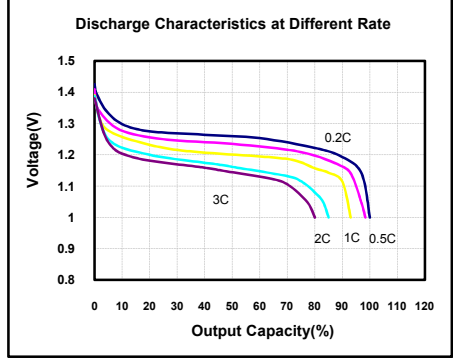




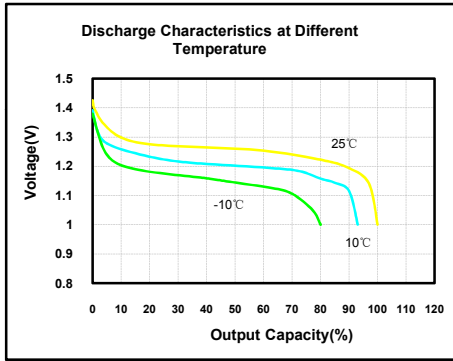
Charge Characteristics



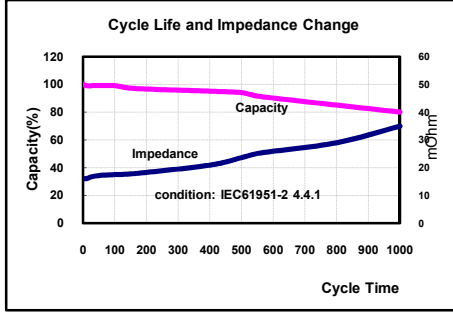
Discharge Characteristics at Different Rate



Discharge Characteristics at Different Temperature




Cycle Life and Impedance Change



DATA SHEET FOR	Ni-MH AA
VAPEXTECH DRAWING	in2100AA
DRAWN BY / DATE	Herry Li/2007/05/30

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



VAPEX TECHNOLOGY LIMITED.