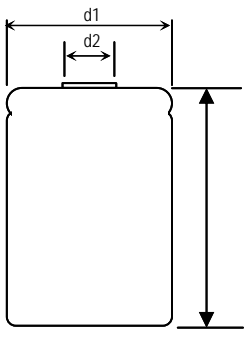
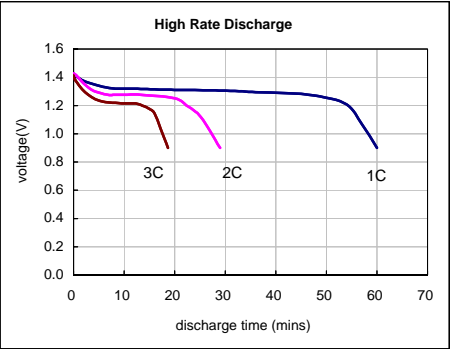
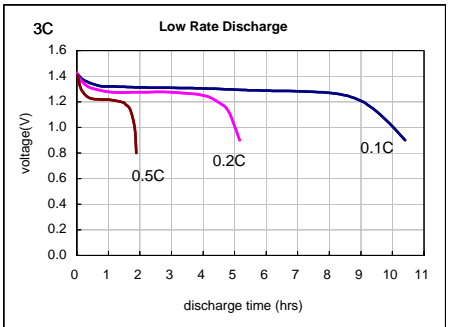
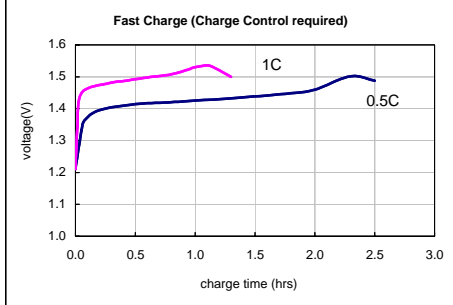
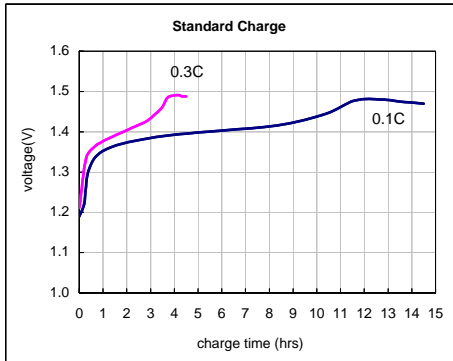


<b>nominal voltage</b>	1.2 V	conditions
<b>max. charge voltage</b>	1.5 V	at standard charge (0.1C/20 )
<b>capacity</b>		
nominal	1400mAh	discharge at 0.2C
minimal	>1200 mAh	discharge at 1.4A
typical	1250mAh	discharge at 0.2C
	1300mAh	1.0V end discharge voltage
		ambient temperature 20
<b>max. discharge current</b>	4200mA	ambient temperature 20...50
<b>charge</b>		
standard charge	charge current 140 mA	charge time 15hrs at 20
quick charge	700 mA	2.2hrs for empty battery
Fast charge	1400mA	50mins for empty battery
recommended charge	-dV	0...5 mV
termination control	dT/dt	0.8...1 per min
parameters	TCO	40...45
trickle charge current	42...70 mA	(recommended)
continuous overcharge (less than 1 year)	<70 mA	no conspicuous deformation no leakage
<b>internal resistance</b>	Average 18 mOhms (15~20mOhms)	at 1000Hz battery fully charged
<b>life expectancy</b>	>500 cycles	IEC61951-2 standard
<b>Charge retention</b>	>980mAh	discharge at 0.2C after storage 28 days at 20+/-5
<b>ambient temperature range</b>	0...45 10...45 -20...50 -10...45 -10...35	standard charge fast charge discharge storage less than 3 months storage less than 1 year



**mechanical specifications**  
cell dimensions (with sleeve)  
diameter d1 17.0-0.5 mm  
diameter d2 8.0+/-0.5 mm  
height h1 28.5-1.0 mm  
weight approx. 21 g

DATA SHEET FOR	Ni-MH 2/3A 1400mAh
VAPEXTECH DRAWING	VP1400AF
DRAWN BY / DATE	Herry Li/2006/4/25

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