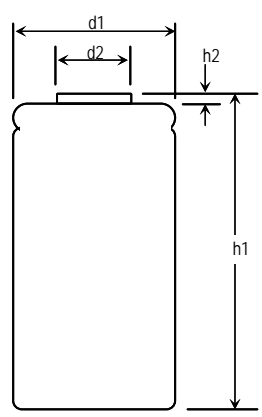
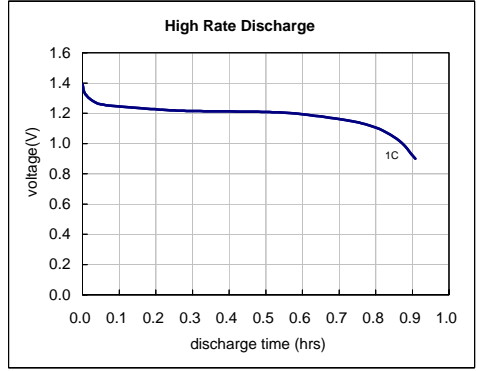
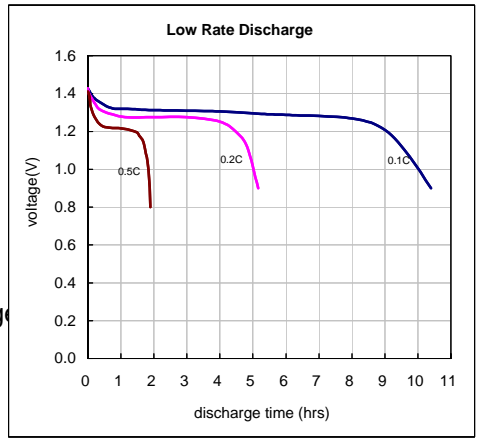
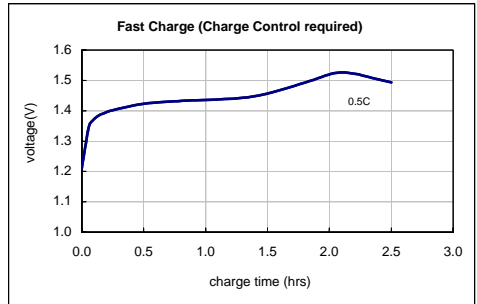
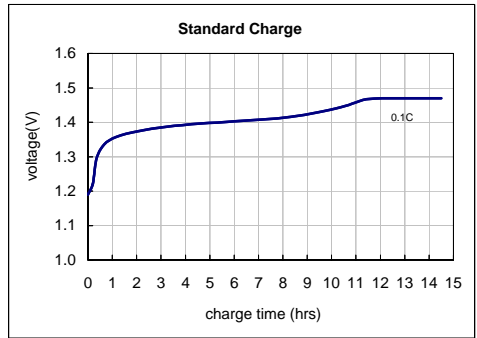


<b>nominal voltage</b>	1.2 V	conditions
<b>max. charge voltage</b>	1.5 V	at standard charge (0.1C/20 )
<b>capacity</b>		
nominal	4000mAh	discharge at 0.2C
	>3600 mAh	discharge at 1C
minimal	3800mAh	discharge at 0.2C
Typical	4100mAh	1.0V end discharge voltage
		ambient temperature 20
<b>max. discharge current</b>	12A	ambient temperature 20...50
<b>charge</b>		
standard charge	charge current 400 mA	charge time 15hrs at 20
quick charge	1200 mA	3.5hrs for empty battery
recommended charge	-dV	0...5 mV
termination control	dT/dt	0.8...1 per min
parameters	TCO	50...55
trickle charge current	120...200 mA	(recommended)
continuous overcharge (less than 1 year)	<200 mA	no conspicuous deformation no leakage
<b>internal resistance</b>	<6.5 mOhms	at 1000Hz battery fully charged
<b>life expectancy</b>	>500 cycles	IEC61951-2 standard
<b>Charge retention</b>	>2800mAh	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	25.5+/-0.5 mm
diameter d2	8.0+/-0.4 mm
height h1	50.0-1.5 mm
height h2	2.8-0.5 mm
weight	approx. 80 g

DATA SHEET FOR	Ni-MH C
VAPEXTECH DRAWING	VTE4000C
DRAWN BY / DATE	Herry Li/2005/4/25

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