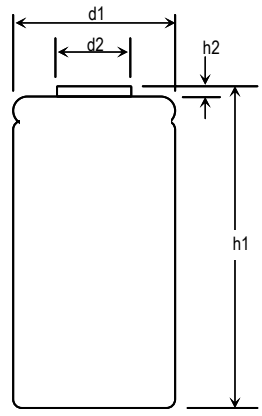
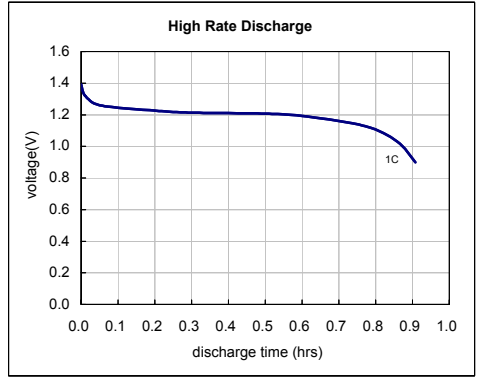
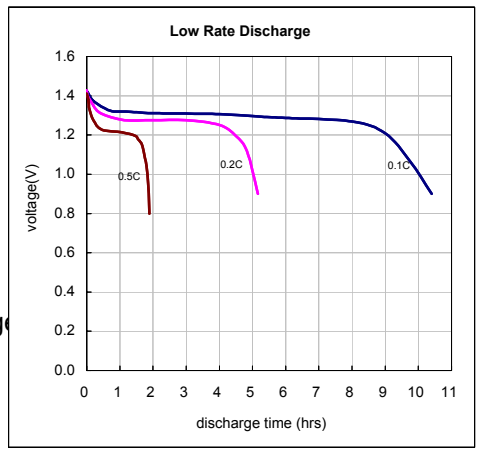
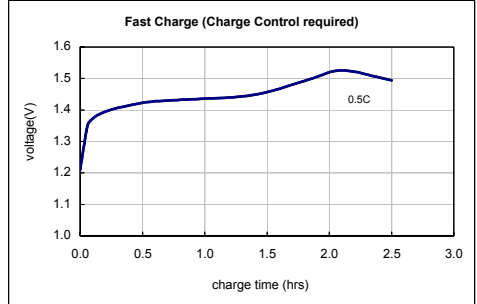
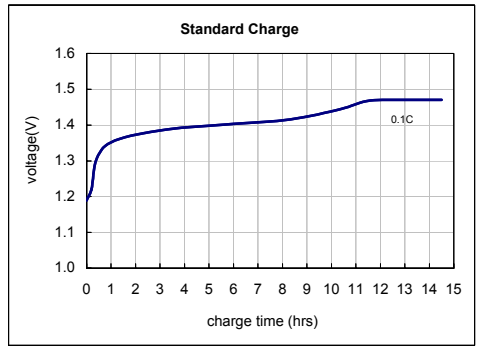


nominal voltage	1.2 V	conditions
max. charge voltage	1.5 V	at standard charge (0.1C/20°C)
capacity		
nominal	5000mAh	discharge at 0.2C
	>4500 mAh	discharge at 1C
minimal	4500mAh	discharge at 0.2C
Typical	4800mAh	1.0V end discharge voltage
		ambient temperature 20°C
max. discharge current	15A	ambient temperature 20...50°C
charge		
standard charge	charge current 500 mA	charge time 15hrs at 20°C
quick charge	1500 mA	3.5hrs for empty battery
recommended charge	-dV	0...5 mV
termination control	dT/dt	0.8...1°C per min
parameters	TCO	50...55°C
trickle charge current	150...250 mA	(recommended)
continuous overcharge (less than 1 year)	<250 mA	no conspicuous deformation no leakage
internal resistance	<6.5 mOhms	at 1000Hz battery fully charged
life expectancy	>500 cycles	IEC61951-2 standard
Charge retention	>3500mAh	discharge at 0.2C after storage 28 days at 20+/-5°C
ambient temperature range	0...45°C 10...45°C -20...50°C -10...45°C -10...35°C	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. 85 g

DATA SHEET FOR	Ni-MH C
VAPEXTECH DRAWING	VTE5000C
DRAWN BY / DATE	Herry Li/2006/4/25

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