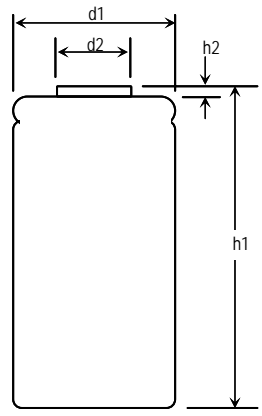
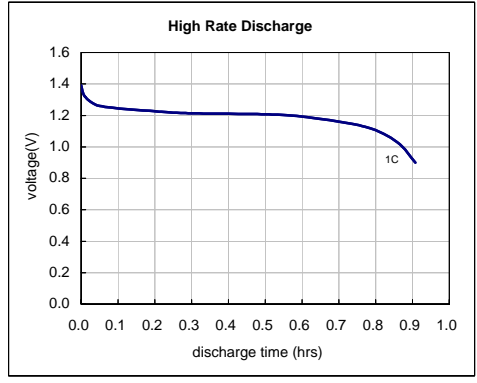
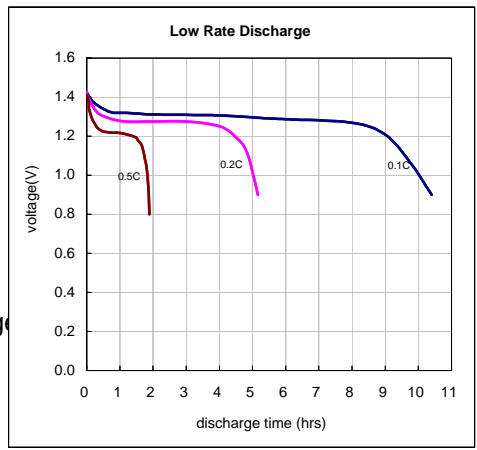
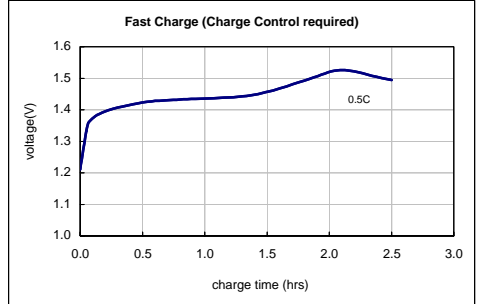
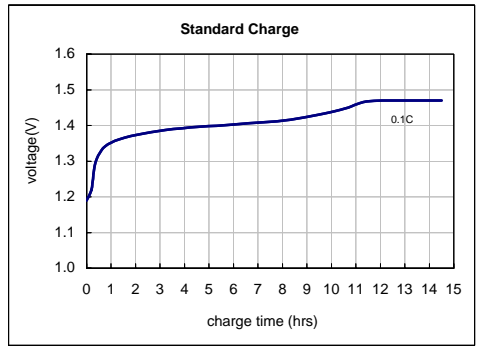


nominal voltage	1.2 V	conditions
max. charge voltage	1.5 V	at standard charge (0.1C/20)
capacity		
nominal	5000mAh	discharge at 0.2C
	>4500 mAh	discharge at 1C
minimal	4500mAh	discharge at 0.2C
Typical	4800mAh	1.0V end discharge voltage
		ambient temperature 20
max. discharge current	15A	ambient temperature 20...50
charge		
standard charge	charge current 500 mA	charge time 15hrs at 20
quick charge	1500 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	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
ambient temperature range	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. 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.