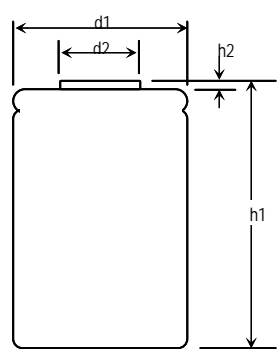
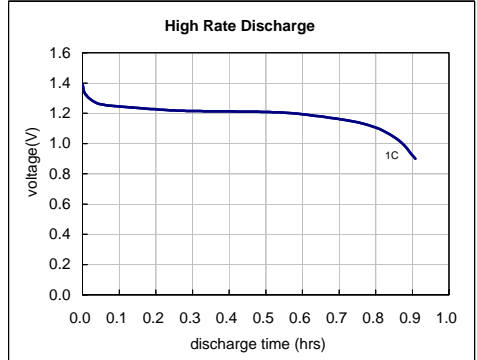
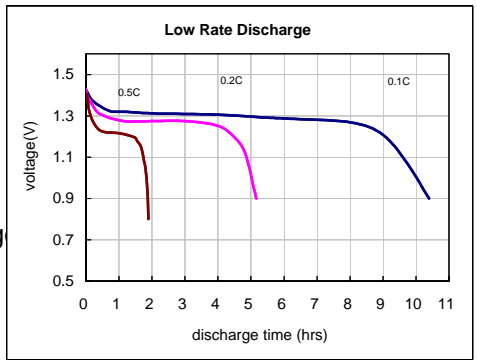
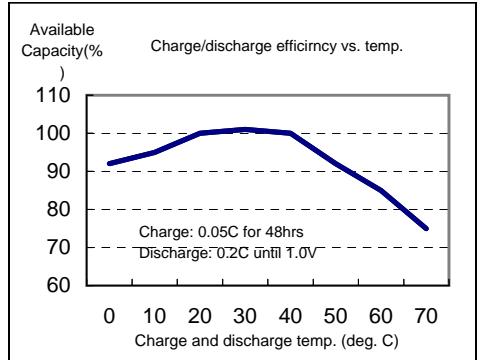
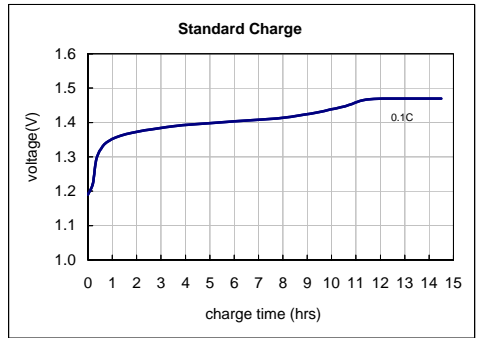


<b>nominal voltage</b>	1.2 V	conditions
<b>max. charge voltage</b>	1.5 V	at standard charge (0.1C/20 )
<b>capacity</b>		
nominal	4500mAh	discharge at 0.2C
	>4050 mAh	discharge at 1C
minimal	4500mAh	discharge at 0.2C
Typical	4800mAh	1.0V end discharge voltage
		ambient temperature 20
<b>max. discharge current</b>	9A	ambient temperature 20...50
<b>charge</b>	charge current	charge time
Trickel charge	225 mA	48hrs at 20
standard charge	450 mA	15hrs at 20
trickle charge current	225...450 mA	(recommended)
Trickel Charge Life	>=4year	0.05C (0~70 )
continuous overcharge (less than 1 year)	<450 mA	no conspicuous deformation no leakage
<b>internal resistance</b>	<12 mOhms	at 1000Hz battery fully charged
<b>life expectancy</b>	>500 cycles	IEC61951-1 Permanent Charge Endurance Test
<b>Charge retention</b>	>3150mAh	discharge at 0.2C after storage 28 days at 20+/-5
<b>ambient temperature range</b>	0...70 -20...70 -20...35 -20...60	standard charge discharge more than 1 week less than 1 week



**mechanical specifications**  
cell dimensions (with sleeve)  
diameter d1 32.5+/-0.5 mm  
diameter d2 10.0+/-0.4 mm  
height h1 60.0-1.5 mm  
weight approx. 130 g

DATA SHEET FOR	Ni-Cd D
VAPEXTECH DRAWING	VTE4500DT
DRAWN BY / DATE	Herry Li/2005/10/25

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