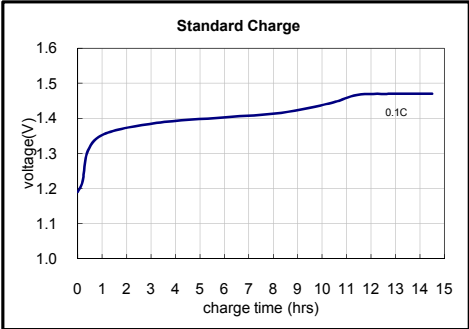
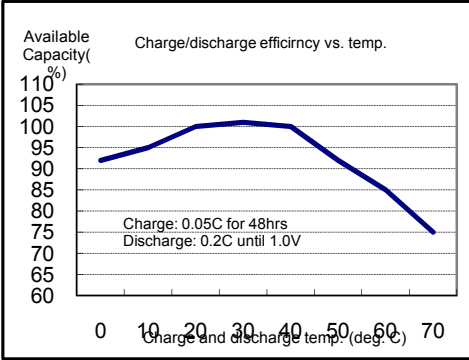
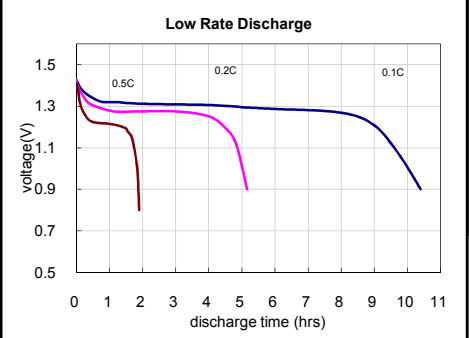
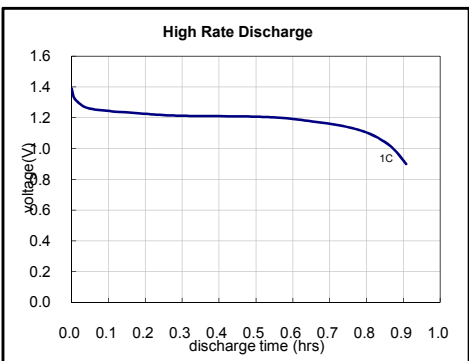
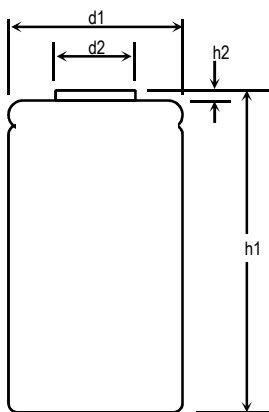


nominal voltage	1.2 V	conditions		
max. charge voltage	1.5 V	at standard charge (0.1C/20°C)		
capacity				
nominal	1500mAh	discharge at 0.2C		
	>1350 mAh	discharge at 1C		
minimal	1500mAh	discharge at 0.2C		
Typical	1550mAh	1.0V end discharge voltage		
		ambient temperature 20°C		
max. discharge current	4.5A	ambient temperature 20...50°C		
charge	charge current	charge time		
Trickle charge	75 mA	48hrs at 20°C		
standard charge	150 mA	15hrs at 20°C		
trickle charge current	75...150 mA	(recommended)		
Trickle Charge Life	>=4year	0.05C (0~70°C)		
continuous overcharge (less than 1 year)	<150 mA	no conspicuous deformation		
		no leakage		
internal resistance	<15 mOhms	at 1000Hz		
		battery fully charged		
life expectancy	>500 cycles	IEC61951-1 Permanent Charge Endurance Test		
Charge retention	>1050mAh	discharge at 0.2C after storage 28 days at 20+/-5°C		
ambient temperature range	0...70°C	standard charge		
	-20...70°C	discharge		
	-20...35°C	more than 1 week		
	-20...60°C	less than 1 week		
				
				
				mechanical specifications
				cell dimensions (with sleeve)
				diameter d1 22.0+/-0.5 mm
				diameter d2 10.0+/-0.4 mm
				height h1 42.5-0.5 mm
				weight approx. 45 g
DATA SHEET FOR	Ni-Cd SC			
VAPEXTECH DRAWING	VTC1500SCT			
DRAWN BY / DATE	Herry Li/2005/10/25			



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