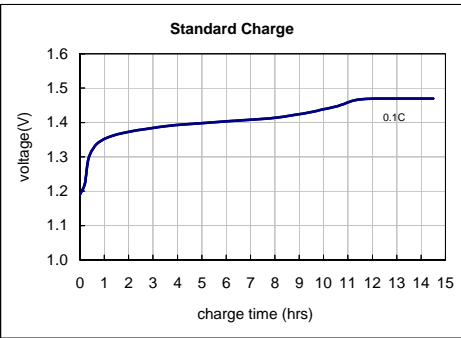
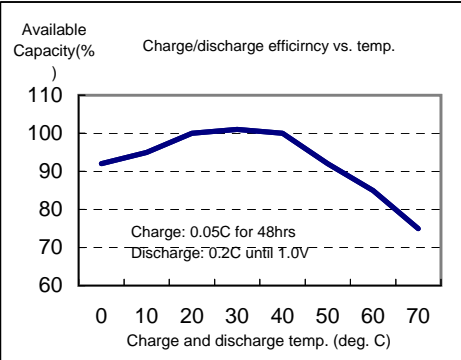
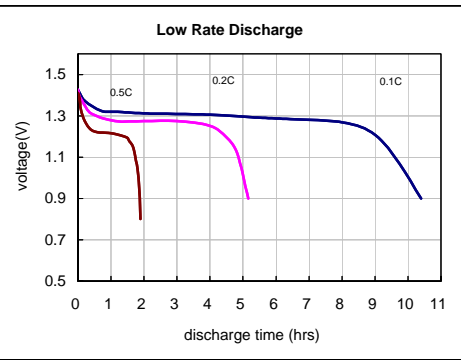
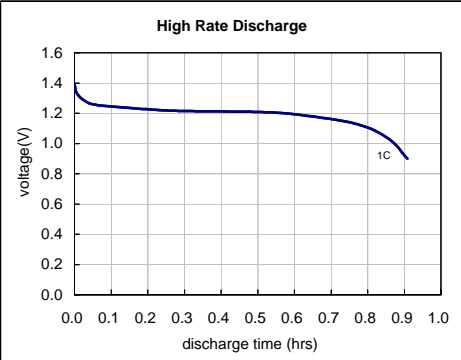
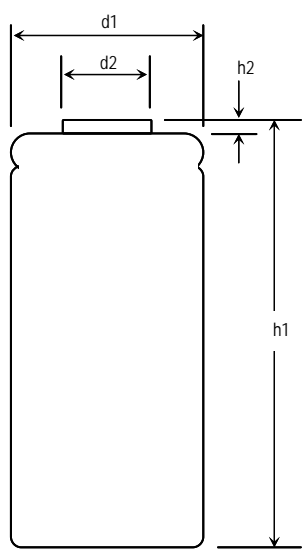


<b>nominal voltage</b>	1.2 V	conditions		
<b>max. charge voltage</b>	1.5 V	at standard charge (0.1C/20 )		
<b>capacity</b>				
nominal	4000mAh	discharge at 0.2C		
	>3600 mAh	discharge at 1C		
minimal	4000mAh	discharge at 0.2C		
Typical	4200mAh	1.0V end discharge voltage		
		ambient temperature 20		
<b>max. discharge current</b>				
<b>current</b>	12A	ambient temperature 20...50		
<b>charge</b>	charge current	charge time		
Trickle charge	200 mA	48hrs at 20		
standard charge	400 mA	15hrs at 20		
trickle charge current	200...400 mA	(recommended)		
Trickle Charge Life	>=4year	0.05C (0~70 )		
continuous overcharge (less than 1 year)	<400 mA	no conspicuous deformation		
		no leakage		
<b>internal resistance</b>	<25 mOhms	at 1000Hz		
		battery fully charged		
<b>life expectancy</b>	>500 cycles	IEC61951-1 Permanent Charge Endurance Test		
<b>Charge retention</b>	>2600 mAh	discharge at 0.2C after storage 28 days at 20+/-5		
<b>ambient temperature range</b>	0...70	standard charge		
	-20...70	discharge		
	-20...35	more than 1 week		
	-20...60	less than 1 week		
				
				
				<b>mechanical specifications</b>
				cell dimensions (with sleeve)
				diameter d1 18.3-0.5 mm
				diameter d2 8.0+/-0.4 mm
				height h1 70.0-0.5 mm
				weight approx. 65 g
DATA SHEET FOR	Ni-MH 18700			
VAPEXTECH DRAWING	VTE4000LAHT			
DRAWN BY / DATE	Herry Li/2005/10/25			



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