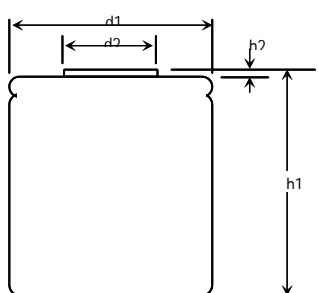
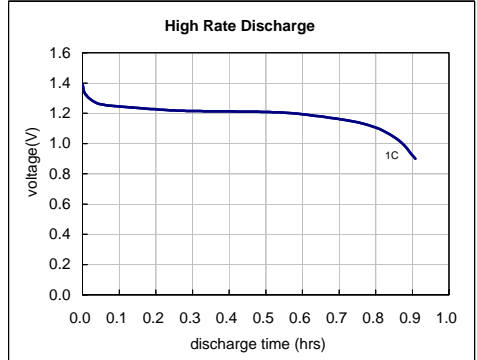
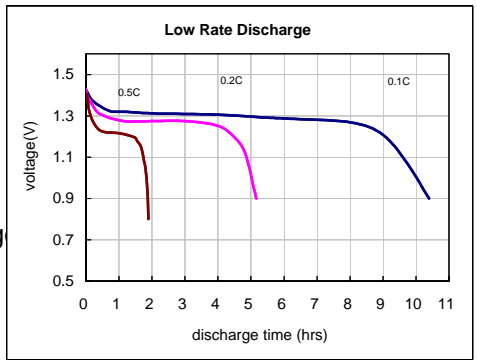
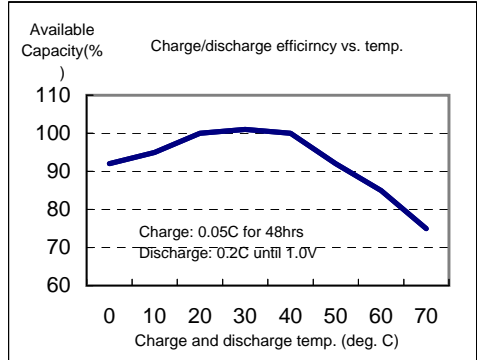
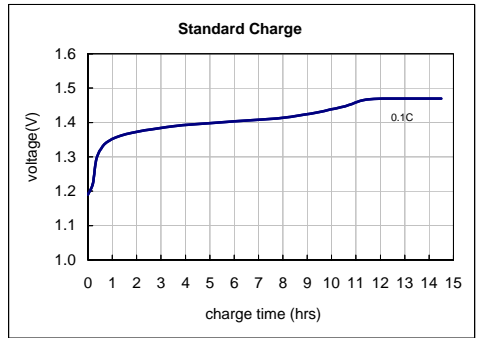


| | | |
|--|--|--|
| nominal voltage | 1.2 V | conditions |
| max. charge voltage | 1.5 V | at standard charge (0.1C/20) |
| capacity | | |
| nominal | 2500mAh | discharge at 0.2C |
| | >2250 mAh | discharge at 1C |
| minimal | 2500mAh | discharge at 0.2C |
| Typical | 2750mAh | 1.0V end discharge voltage |
| | | ambient temperature 20 |
| max. discharge current | 7.5A | ambient temperature 20...50 |
| charge | charge current | charge time |
| Trickle charge | 125 mA | 48hrs at 20 |
| standard charge | 250 mA | 15hrs at 20 |
| trickle charge current | 125...250 mA | (recommended) |
| Trickle Charge Life | >=4year | 0.05C (0~70) |
| continuous overcharge (less than 1 year) | <250 mA | no conspicuous deformation no leakage |
| internal resistance | <18 mOhms | at 1000Hz battery fully charged |
| life expectancy | >500 cycles | IEC61951-1 Permanent Charge Endurance Test |
| Charge retention | >1750mAh | discharge at 0.2C after storage 28 days at 20+/-5 |
| ambient temperature range | 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 37.0-1.5 mm
weight approx. 80 g

| | |
|-------------------|---------------------|
| DATA SHEET FOR | Ni-Cd D |
| VAPEXTECH DRAWING | VTE2500DT |
| DRAWN BY / DATE | Herry Li/2005/10/25 |

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