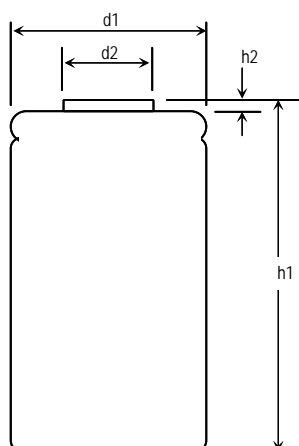
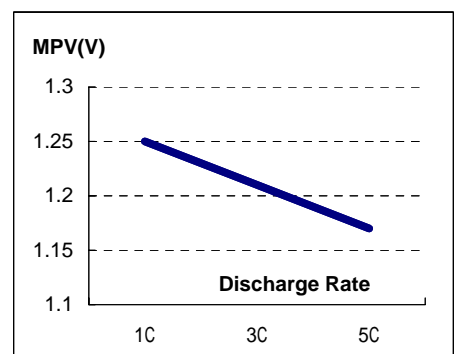
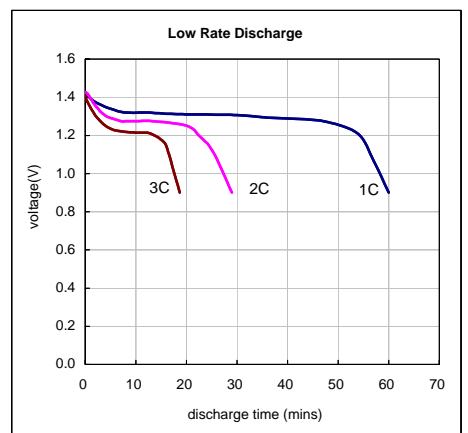
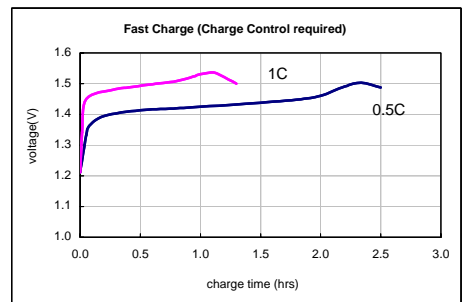
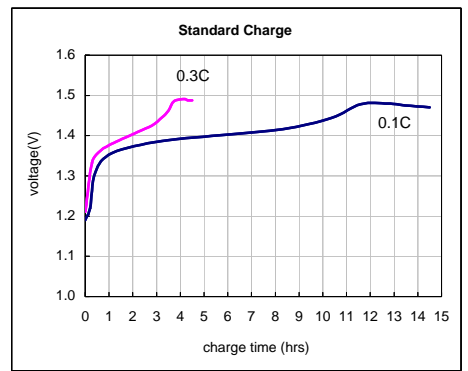


nominal voltage	1.2 V	conditions
max. charge voltage	1.5 V	at standard charge (0.1C/20)
capacity		
nominal	13000mAh	discharge at 0.2C
	>11700 mAh	discharge at 30A
minimal	12000mAh	discharge at 30A
typical	12500mAh	discharge at 30A
		0.8V end discharge voltage
		ambient temperature 20
max. discharge current	30A	ambient temperature 20...50
MPV	$\geq 1.18V$	discharge at 30A
charge	charge current	charge time
standard charge	1300 mA	15hrs at 20
quick charge	6500mA	132minutes 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	390...650 mA	(recommended)
continuous overcharge (less than 1 year)	<650 mA	no conspicuous deformation no leakage
internal resistance	Average 3 mOhms at 1000Hz (2~4mOhms)	battery fully charged
life expectancy	>500 cycles	IEC61951-2 standard
Charge retention	>9100mAh	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 32.5-0.5 mm
diameter d2 10.0+/-0.5 mm
height h1 89.5-0.5 mm
weight approx. 232 g

DATA SHEET FOR	Ni-MH F 13000mAh
VAPEXTECH DRAWING	VTE13000FP
DRAWN BY / DATE	Herry Li/2006/02/20

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