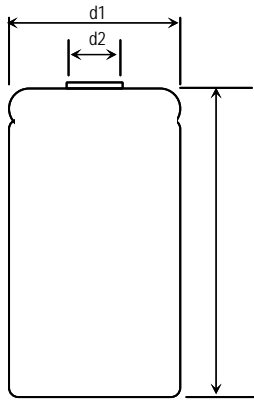
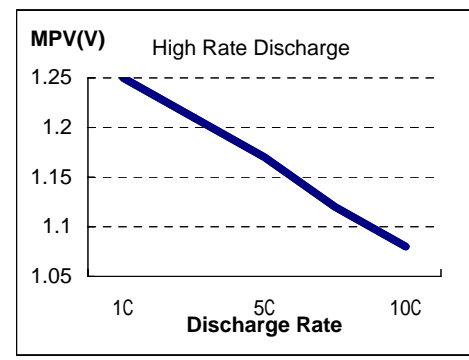
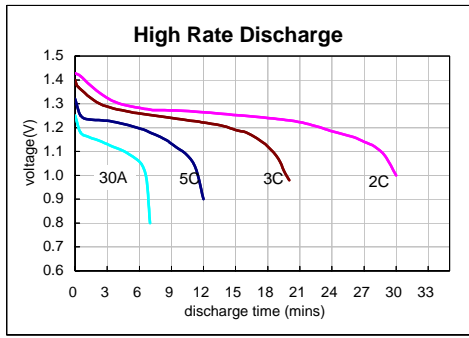
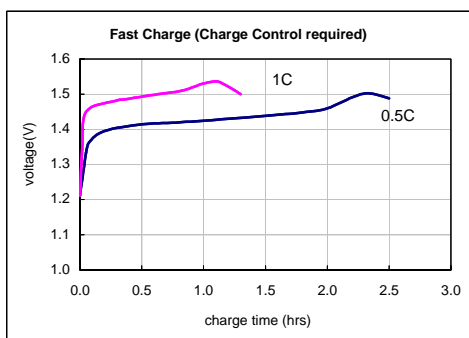
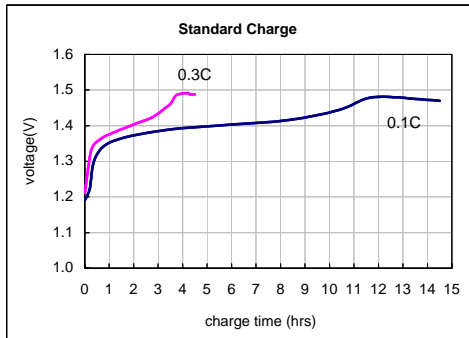


<b>nominal voltage</b>	1.2 V	conditions
<b>max. charge voltage</b>	1.5 V	at standard charge (0.1C/20 )
<b>capacity</b>		
nominal	3700mAh	discharge at 0.2C
	>3400 mAh	discharge at 30A
minimal	3400mAh	discharge at 30A
typical	3600mAh	0.8V end discharge voltage
		ambient temperature 20
<b>max. discharge current</b>	30A	ambient temperature 20...50
<b>MPV</b>	>=1.12V	discharge at 30A
<b>charge</b>		charge time
standard charge	370 mA	15hrs at 20
quick charge	5 A	50minutes for empty battery
recommended charge	-dV	0...5 mV
termination control	dT/dt	0.8...1 per min
parameters	TCO	40...45
trickle charge current	111...185 mA	(recommended)
continuous overcharge (less than 1 year)	<370 mA	no conspicuous deformation no leakage
<b>internal resistance</b>	Average 5 mOhms at 1000Hz (4~6mOhms)	battery fully charged
<b>life expectancy</b>	>500 cycles	IEC61951-2 standard
<b>Charge retention</b>	>2590mAh	discharge at 0.2C after storage 28 days at 20+/-5
<b>ambient temperature range</b>	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	23.0-0.5 mm
diameter d2	9.1+/-0.5 mm
height h1	44.3-0.5 mm
weight	approx. 64.5 g

DATA SHEET FOR	Ni-MH SC 3700mAh
VAPEXTECH DRAWING	VP3700SC
DRAWN BY / DATE	Herry Li/2005/10/25

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