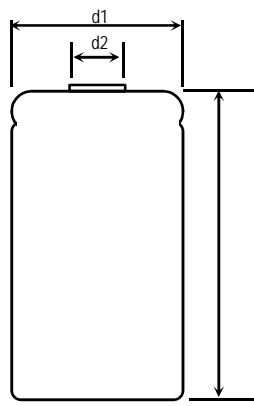
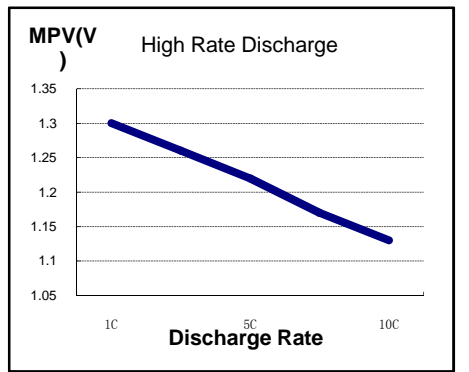
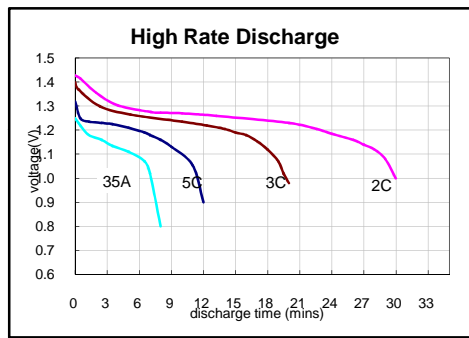
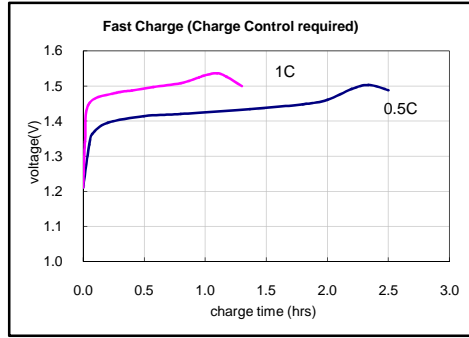
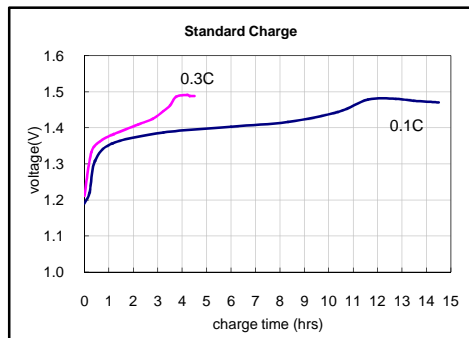


nominal voltage	1.2 V	conditions
max. charge voltage	1.5 V	at standard charge (0.1C/20°C)
capacity		
nominal	4600mAh	discharge at 0.2C
	>4300 mAh	discharge at 30A
minimal	4300mAh	discharge at 30A
typical	4450mAh	0.8V end discharge voltage
		ambient temperature 20°C
max. discharge current	35A	ambient temperature 20...50°C
Average Voltage	>=1.15V	discharge at 30A
charge		charge time
standard charge	460 mA	15hrs at 20°C
quick charge	6 A	50minutes for empty battery
recommended charge	-dV	0...5 mV
termination control	dT/dt	0.8...1°C per min
parameters	TCO	40...45°C
trickle charge current	129...215 mA	(recommended)
continuous overcharge (less than 1 year)	<460 mA	no conspicuous deformation no leakage
internal resistance	Average 2.5 mOhm at 1000Hz (2~3mOhms)	battery fully charged
life expectancy	>500 cycles	IEC61951-2 standard
Charge retention	>3220mAh	discharge at 0.2C after storage 28 days at 20+/-5°C
ambient temperature range	0...45°C 10...45°C -20...50°C -10...45°C -10...35°C	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. 72 g

DATA SHEET FOR	Ni-MH SC 4600mAh
VAPEXTECH DRAWING	VP4600SC
DRAWN BY / DATE	Herry Li/2007/06/26

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

