

nominal voltage 1.2 V
max. charge voltage 1.5 V

capacity
 nominal 2200mAh
 >2000 mAh
 minimal 2000mAh
 typical 2100mAh

max. discharge current 30A

Average Voltage charge $\geq 1.13V$
charge current
 standard charge 200 mA
 quick charge 2 A
 recommended charge -dV
 termination control dT/dt
 parameters TCO

trickle charge current 66...110 mA
 continuous overcharge (less than 1 year) <110 mA

internal resistance Average 4 mOhms (3~6mOhms)

life expectancy >500 cycles

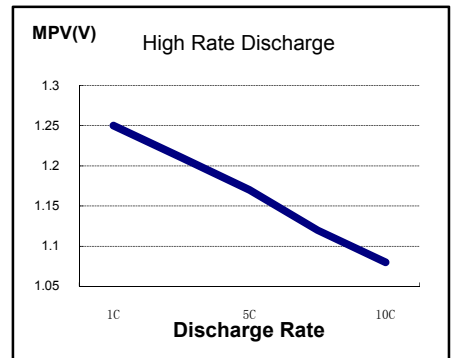
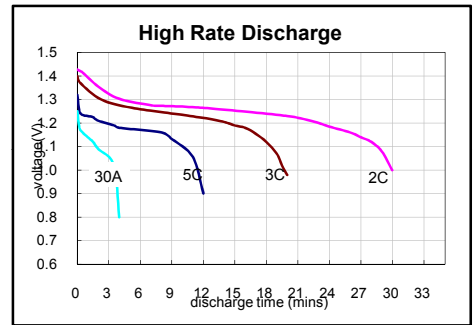
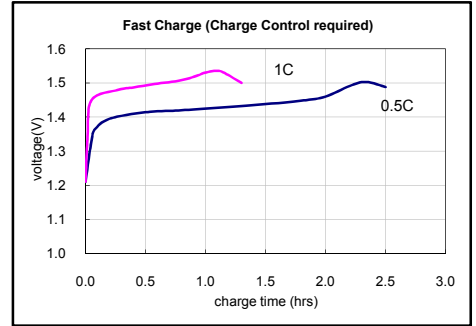
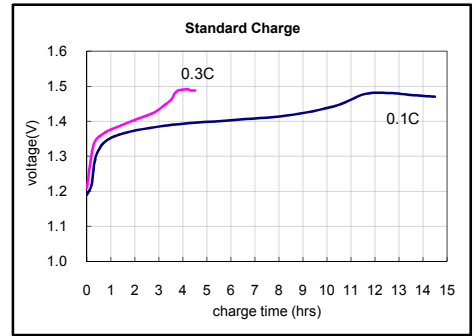
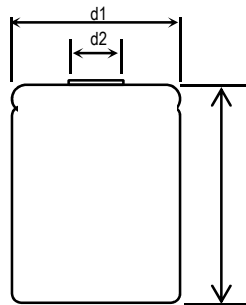
Charge retention >1540mAh

ambient temperature range 0...45°C
 10...45°C
 -20...50°C
 -10...45°C
 -10...35°C

conditions
 at standard charge (0.1C/20°C)
 discharge at 0.2C
 discharge at 22A
 discharge at 22A
 0.8V end discharge voltage
 ambient temperature 20°C
 ambient temperature 20...50°C
 discharge at 22A
 charge time 15hrs at 20°C
 50minutes for empty battery
 0...5 mV
 0.8...1°C per min
 40...45°C

(recommended)
 no conspicuous deformation
 no leakage

at 1000Hz
 battery fully charged
 IEC61951-2 standard
 discharge at 0.2C after storage
 28 days at 20+/-5°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 34.0-0.5 mm
 weight approx. 43 g

DATA SHEET FOR MODEL/TYPE	Ni-MH 4/5SC2200mAh
VAPEXTECH DRAWING	VP2200SCS
DRAWN BY / DATE	Herry Li/2006/11/17

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