

nominal voltage 1.2 V
max. charge voltage 1.5 V

capacity
 nominal 4300mAh
 Minimum >4200 mAh
 Runtime Capacity 0448 sec
 typical 0480 sec

max. discharge current 35A

Average Voltage $\geq 1.18V$
 Average Voltage $\geq 1.21V$

charge
 charge current
 standard charge 430 mA
 quick charge 6 A
 recommended charge -dV
 termination control dT/dt
 parameters TCO

trickle charge current 130...215 mA

continuous overcharge <430 mA
 (less than 1 year)

internal resistance Average 1.8 mOhms
 (2.0~2.5mOhms)
 (1.5~2.0mOhms)

life expectancy >500 cycles

Charge retention >3010mAh

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

conditions

at standard charge (0.1C/20)

discharge at 30A
 tested on CE TM-4
 discharge at 35A
 0.9V end discharge voltage
 ambient temperature 20

ambient temperature 20...50

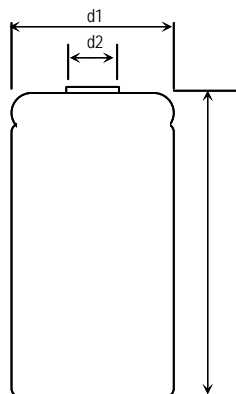
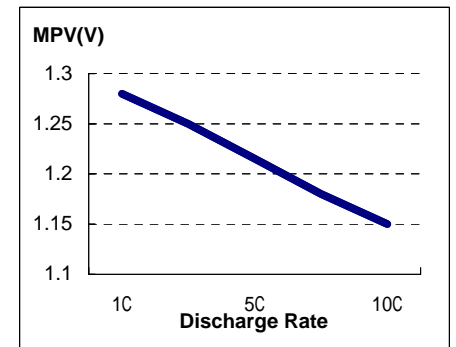
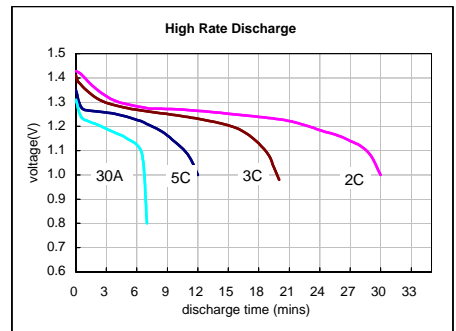
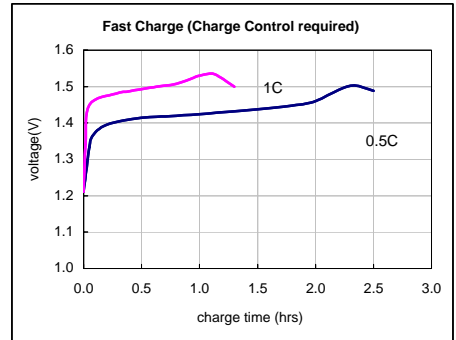
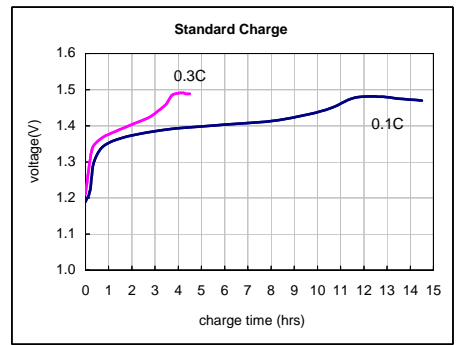
discharge at 30A
 discharge at 30A / after Zapped
 charge time 15hrs at 20
 50minutes for empty battery
 0...5 mV
 0.8...1 per min
 40...45

(recommended)

no conspicuous deformation
 no leakage

at 1000Hz
 battery fully charged
 after Zapped
 IEC61951-2 standard

discharge at 0.2C after storage
 28 days at 20+/-5
 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. 67 g

DATA SHEET FOR	Ni-MH SC 4300mAh
VAPEXTECH DRAWING	VP4300SCUP
DRAWN BY / DATE	Herry Li/2006/3/20

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