

nominal voltage 1.2 V
max. charge voltage 1.5 V

capacity
 nominal 3500mAh
 >3300 mAh
 minimal 3300mAh
 typical 3400mAh

max. discharge current 30A

charge
 standard charge 350 mA
 quick charge 3500 mA
 recommended charge -dV
 termination control dT/dt
 parameters TCO

trickle charge current 105...175 mA

continuous overcharge (less than 1 year) <330 mA

internal resistance Average 4 mOhms at 1000Hz (3~6mOhms)

life expectancy >500 cycles IEC61951-2 standard

Charge retention >2450mAh 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

conditions

at standard charge (0.1C/20)

discharge at 0.2C
 discharge at 30A
 discharge at 30A
 0.8V end discharge voltage
 ambient temperature 20

ambient temperature 20...50

charge time
 15hrs at 20
 1.05hrs for empty battery
 0...5 mV
 0.8...1 per min
 40...45

(recommended)

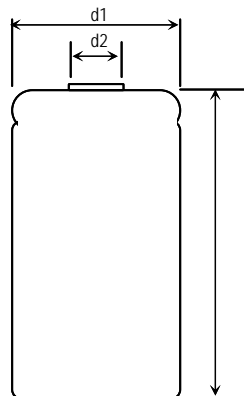
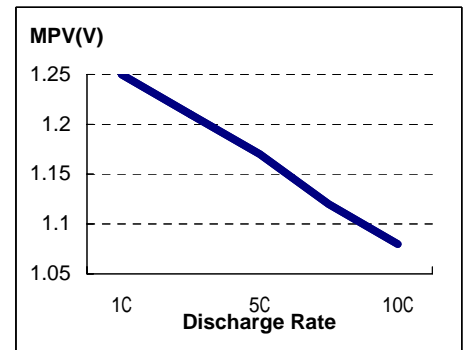
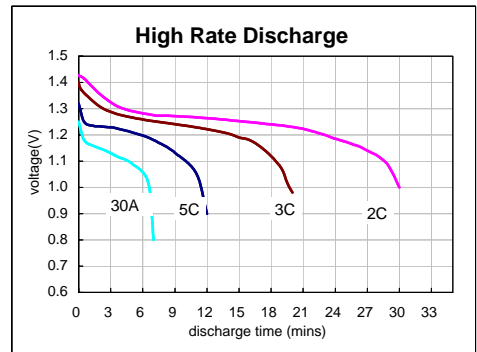
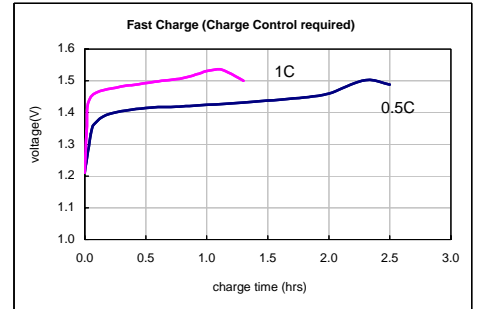
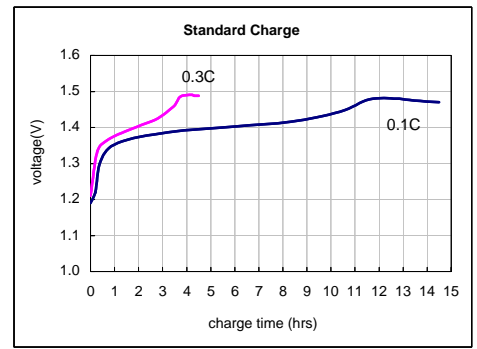
no conspicuous deformation
 no leakage

battery fully charged

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 22.2+/-0.2 mm
 diameter d2 9.1+/-0.5 mm
 height h1 44.3-0.5 mm
 weight approx. 61 g

DATA SHEET FOR	Ni-MH SC 3500mAh
VAPEXTECH DRAWING	VP3500SC
DRAWN BY / DATE	Herry Li/2005/3/25

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