

nominal voltage 1.2 V
max. charge voltage 1.5 V

capacity
 nominal 850 mAh
 minimal 800 mAh
 typical 830mAh

Low Temperature Discharge >680mAh

max. discharge current 2550 mA

charge
 standard charge 85 mA
 quick charge 500 mA
 max. charge 1000mA
 recommended charge -dV
 termination control dT/dt
 parameters TCO
 trickle charge current 26...43 mA

conditions
 at standard charge (0.1C/20°C)
 discharge at 0.2C
 discharge at 1C
 discharge at 0.2C
 1.0V end discharge voltage
 ambient temperature 20°C
 discharge at 0.2C °C

discharged at 0.2C at -10°C

ambient temperature 20...50°C

charge current charge time
 85 mA 15hrs at 20°C
 500 mA 2hrs for empty battery
 1000mA 50mins
 0...10 mV
 0.8...1°C per min
 40...50°C
 (recommended)

Charge retention
 >720mAh
 >640mAh
 >480mAh

internal resistance <35 mOhms

life expectancy >1000 cycles

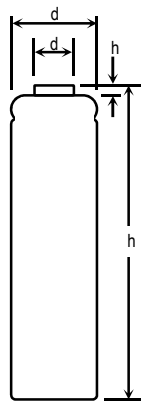
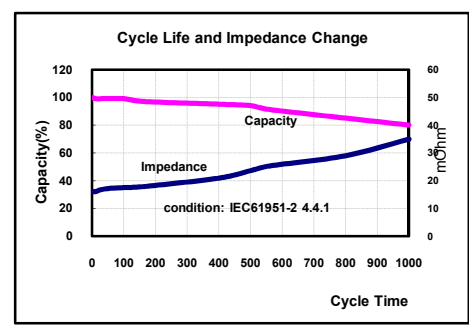
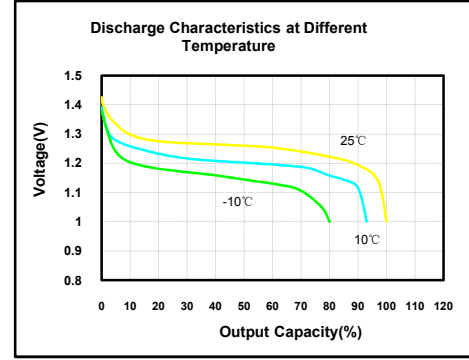
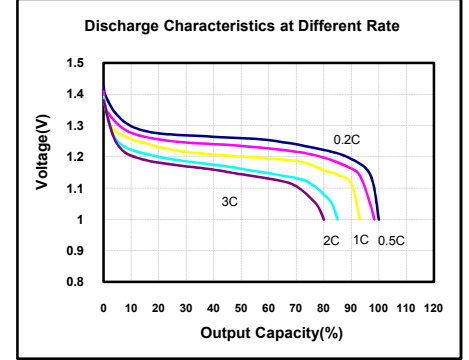
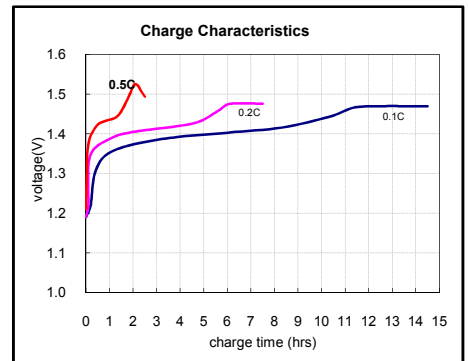
ambient temperature range
 0...45°C
 10...45°C
 -20...50°C
 -10...45°C
 -10...35°C

discharge at 0.2C after storage 28 days at 20+/-5°C
 discharge at 0.2C after storage 6 months at 20+/-5°C
 discharge at 0.2C after storage 12 months at 20+/-5°C

at 1000Hz
 battery fully charged

IEC61951-2 standard

standard charge
 fast charge
 discharge
 storage less than 3 months
 storage less than 1 year



cell dimensions (with sleeve)
 diameter d1 10.5-0.5 mm
 diameter d2 3.8+/-0.4 mm
 height h1 44.5-0.5 mm
 height h2 1.5-0.3 mm
 weight approx. 12 g

DATA SHEET FOR	Ni-MH AAA
VAPEXTECH DRAWING	in850AAA
DRAWN BY / DATE	Herry Li/2007/05/30

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