
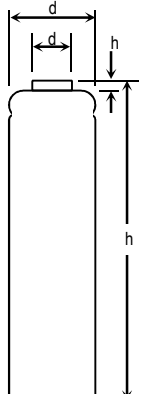


|                                  |                      |   |  |  |
|----------------------------------|----------------------|---|--|--|
| <b>nominal voltage</b>           | 1.2 V                | conditions  |  |  |
| <b>max. charge voltage</b>       | 1.5 V                | at standard charge (0.1C/20°C)                        |  |  |
| <b>capacity</b>                  |                      |   |  |  |
| nominal                          | 950 mAh              | discharge at 0.2C                                     |  |  |
| minimal                          | >855 mAh             | discharge at 1C                                       |  |  |
|                                  | 900 mAh              | discharge at 0.2C                                     |  |  |
|                                  |                      | 1.0V end discharge voltage                            |  |  |
| typical                          | 920mAh               | ambient temperature 20°C                              |  |  |
|                                  |                      | discharge at 0.2C °C                                  |  |  |
| <b>Low Temperature Discharge</b> | >720mAh              | discharged at 0.2C at -10°C                           |  |  |
| <b>max. discharge current</b>    | 2700 mA              | ambient temperature 20...50°C                         |  |  |
| <b>charge</b>                    |                      |   |  |  |
| standard charge                  | charge current 90 mA | charge time 15hrs at 20°C                             |  |  |
| quick charge                     | 500 mA               | 2.3hrs for empty battery                              |  |  |
| max. charge                      | 1000mA               | 55mins  |  |  |
| recommended charge               | -dV                  | 0...10 mV   |  |  |
| termination control              | dT/dt                | 0.8...1°C per min                                     |  |  |
| parameters                       | TCO                  | 40...50°C   |  |  |
| trickle charge current           | 26...43 mA           | (recommended)   |  |  |
| <b>Charge retention</b>          | >810mAh              | discharge at 0.2C after storage 28 days at 20+/-5°C   |  |  |
|                                  | >720mAh              | discharge at 0.2C after storage 6 months at 20+/-5°C  |  |  |
|                                  | >540mAh              | discharge at 0.2C after storage 12 months at 20+/-5°C |  |  |
| <b>internal resistance</b>       | <35 mOhms            | at 1000Hz   |  |  |
|                                  |                      | battery fully charged                                 |  |  |
| <b>life expectancy</b>           | >1000 cycles         | IEC61951-2 standard                                   |  |  |
| <b>ambient temperature range</b> | 0...45°C             | standard charge                                       |  |  |
|                                  | 10...45°C            | fast charge   |  |  |
|                                  | -20...50°C           | discharge   |  |  |
|                                  | -10...45°C           | storage less than 3 months                            |  |  |
|                                  | -10...35°C           | storage less than 1 year                              |  |  |

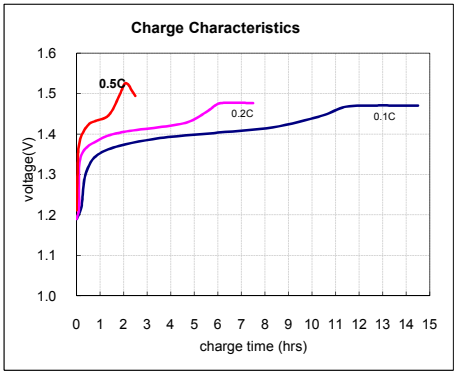
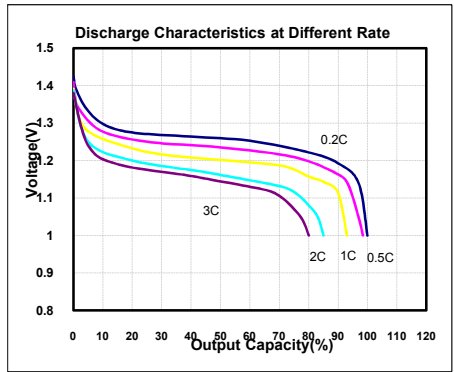
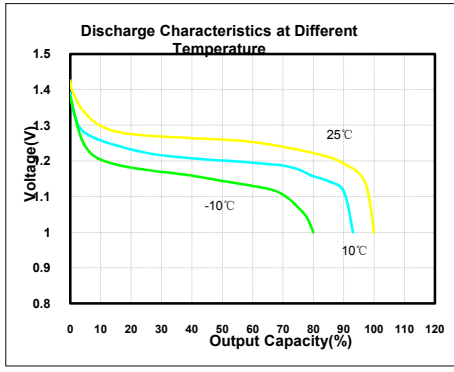
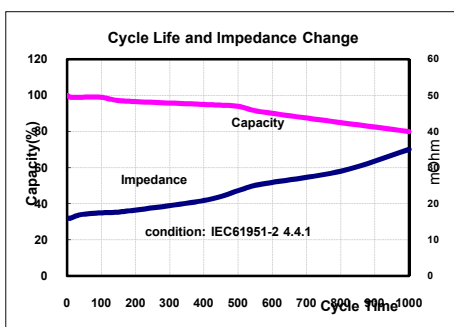
  





|                   |                     |
|-------------------|---------------------|
| DATA SHEET FOR    | Ni-MH AAA           |
| VAPEXTECH DRAWING | in950AAA            |
| DRAWN BY / DATE   | Herry Li/2010/03/10 |

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. 13 g

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