

## JJJ Battery Co.,LTD.

**MODEL No:** J-4/5A1000L

**Description:** 1000 mAh SIZE Ni-Cd 4/5A

| Description               | Unit               | Specification              | Condition                                                                                                                                                                             |
|---------------------------|--------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal Voltage           | V/cell             | 1.2                        | Unit cell or stack-up batteries                                                                                                                                                       |
| Nominal Capacity          | mAh                | 1000                       | Standard Charge/Discharge                                                                                                                                                             |
| Standard Charge           | mA                 | 100 (0.1C)                 | $T_1=20\pm5^{\circ}\text{C}$ (See Note 1)                                                                                                                                             |
|                           | hour               | 14~16                      |                                                                                                                                                                                       |
| Fast Charge               | mA                 | 1000 (1C)                  | - $\Delta V=0\sim 15\text{mV/cell}$ , Timer<br>Cutoff=120%nominal capacity ,<br>Temp.Cutoff= $55^{\circ}\text{C}$ , $dT/dt=0.8^{\circ}\text{C/min}$ ,<br>$T_1=20\pm5^{\circ}\text{C}$ |
|                           | hour               | 1.2 approx<br>(see Note 2) |                                                                                                                                                                                       |
| Trickle Charge            | mA                 | (0.03C)~(0.05C)            | $T_1=20\pm5^{\circ}\text{C}$                                                                                                                                                          |
| Standard discharge        | mA                 | 200 (0.2C)                 | $T_1=20\pm5^{\circ}\text{C}$ Humidity: Max.85%                                                                                                                                        |
| Discharge Cut-off Voltage | V/cell             | 1.0                        |                                                                                                                                                                                       |
| Storage Temperature       | $^{\circ}\text{C}$ | -20~30(Within 1 year)*     | Discharged state<br>Humidity: Max85%                                                                                                                                                  |
|                           |                    | -20~40(Within 6 months)    |                                                                                                                                                                                       |
|                           |                    | -20~50(Within 1 month)     |                                                                                                                                                                                       |
|                           |                    | -20~60(Within 1 week)      |                                                                                                                                                                                       |
| Typical Weight            | Gram               | 25.5                       | unit cell                                                                                                                                                                             |

\*To keep the best performance for those not used for a long time,we recommend to charge and discharge the cells/batteries at least once in every 6 months.

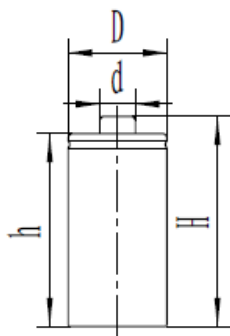
JJJ reserves the right to alter or amend the design,model and specification without prior notice.

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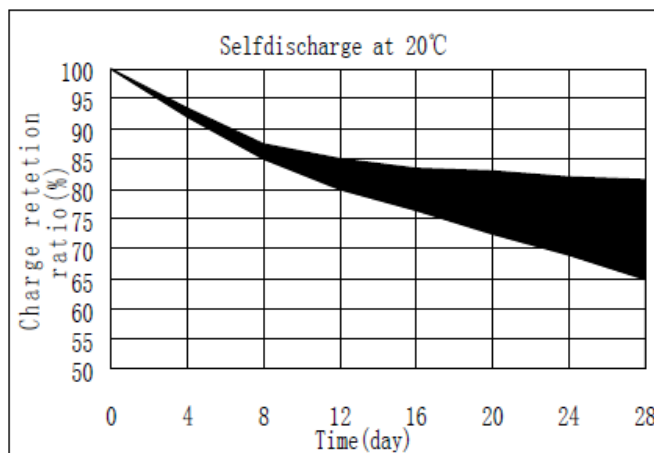
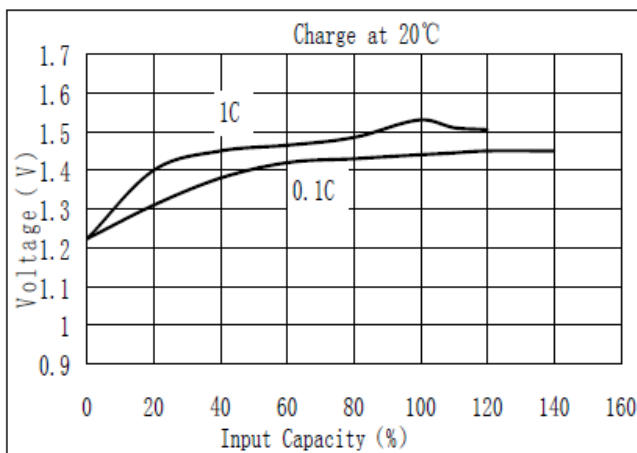
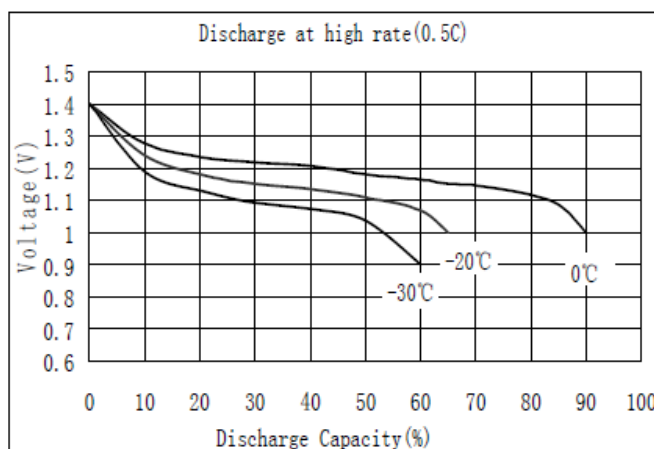
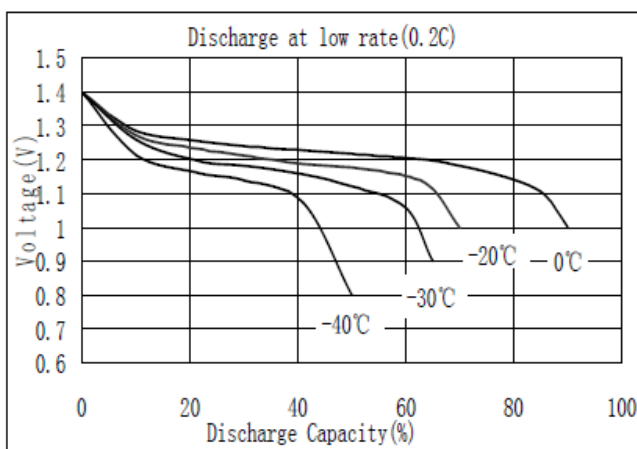


Dimensions(without Tube) (mm)

|   |            |
|---|------------|
| D | 16.60±0.10 |
| d | 6.00±0.08  |
| H | 43.80±0.30 |
| h | 42.00±0.50 |

### Specification

|                                          |           |           |          |
|------------------------------------------|-----------|-----------|----------|
| Nominal Capacity                         |           | 1000 mAh  |          |
| Nominal Voltage                          |           | 1.2 V     |          |
| Charge current                           | Standard  | 100 mA    |          |
|                                          | Fast      | 1000 mA   |          |
| Charge time                              | Standard  | 14~16 Hrs |          |
|                                          | Fast      | 1.2 Hrs   |          |
| Ambient Temperature                      | Charge    | Standard  | 0℃~45℃   |
|                                          |           | Fast      | 10℃~45℃  |
|                                          | Discharge |           | -40℃~60℃ |
|                                          | Storage   |           | -20℃~60℃ |
| Internal Impedance(mΩ)<br>(After Charge) |           | ≤ 22      |          |
| Weight                                   |           | 25.5 g    |          |



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