

# Specifications for NCR18500A

| Specifications                |             |                 |
|-------------------------------|-------------|-----------------|
| Rated capacity <sup>(1)</sup> |             | 1900mAh         |
| Capacity <sup>(2)</sup>       | Minimum     | 1940mAh         |
|                               | Typical     | 2040mAh         |
| Nominal voltage               |             | 3.6V            |
| Charging                      | Method      | CC-CV           |
|                               | Voltage     | 4.20V           |
|                               | Current     | Std. 0.7CA      |
|                               | Time        | Std. 0.02C cut. |
| Weight (max.)                 |             | 33.5g           |
| Temperature                   | Charge      | 10 to +45° C    |
|                               | Discharge   | -20 to +60° C   |
|                               | Storage     | -20 to +50° C   |
| Energy density <sup>(3)</sup> | Volumetric  | 536 Wh/l        |
|                               | Gravimetric | 204 Wh/kg       |

| Dimensions |   |              |
|------------|---|--------------|
|            |   |              |
| With tube  | H | Max. 49.36mm |
|            | D | Max. 18.15mm |
|            | d | Max. 6.6mm   |

<sup>(1)</sup> At 20° C <sup>(2)</sup> At 25° C

<sup>(3)</sup> Energy density is calculated using bare cell dimensions (without tube).

When designing a pack, refer to the cell's mechanical drawing for precise dimensions.