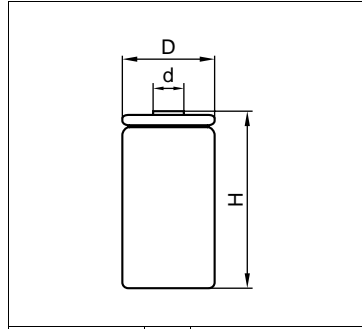
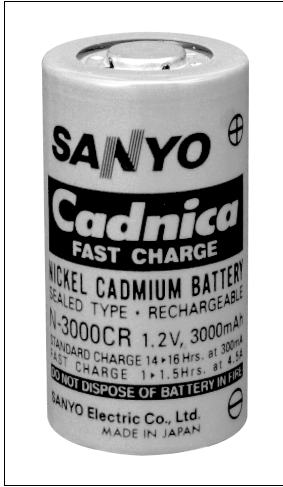


# SANYO

## Cadnica

### Cell Type N-3000CR Specifications

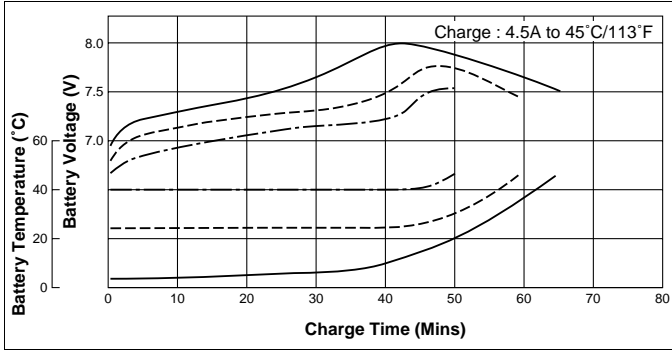


|                         |   |              |      |
|-------------------------|---|--------------|------|
| Dimensions of Bare Cell | H | 49.0 ±0.3    | mm   |
|                         |   | 1.929 ±0.012 | inch |
|                         | D | 25.2 ±0.3    | mm   |
|                         |   | 0.992 ±0.012 | inch |
|                         | d | 10.0         | mm   |
|                         |   | 0.394        | inch |

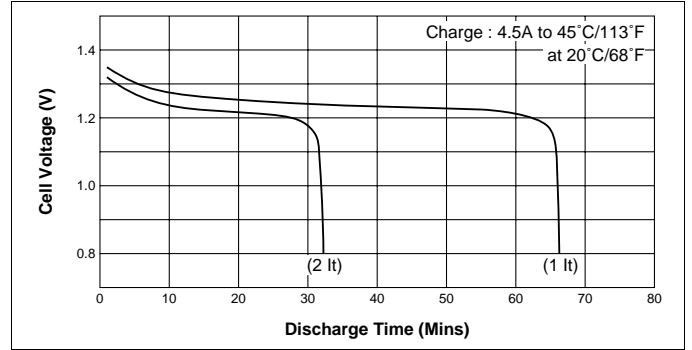
|   |           |   |                               |
|---|-----------|---|-------------------------------|
| Nominal Capacity                            |           | 3000mAh   |                               |
| Nominal Voltage                             |           | 1.2V  |                               |
| Charging Current                            | Standard  | 300mA   |                               |
|   | Fast      | 4500mA  |                               |
| Charging Time                               | Standard  | 14 to 16Hrs.  |                               |
|   | Fast      | about 1Hr.  |                               |
| Ambient Temperature                         | Charge    | Standard  | 0°C to +45°C [+32°F to 113°F] |
|   |           | Fast  | 5°C to +40°C [+41°F to 104°F] |
|   | Discharge | -20°C to +60°C [-4°F to 140°F]  |                               |
|   | Storage   | -30°C to +50°C [-22°F to 122°F]   |                               |
| Internal Impedance (Av.) (at 50% discharge) |           | 3.4mΩ (at 1000Hz)   |                               |
| Weight                                      |           | 86g/3.03oz  |                               |
| Dimensions(D)×(H) (with tube)               |           | 26.0 <sup>0</sup> <sub>-0.8</sub> × 50.0 <sup>0</sup> <sub>-1.2</sub>   | mm                            |
|   |           | 1.02 <sup>0</sup> <sub>-0.03</sub> × 1.97 <sup>0</sup> <sub>-0.05</sub> | inch                          |

### Typical Characteristics

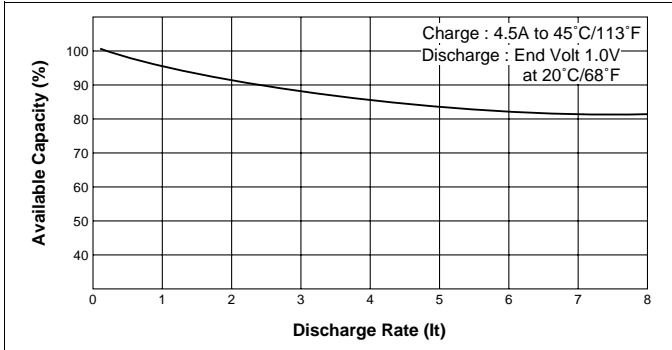
Charge (5 cells pack)



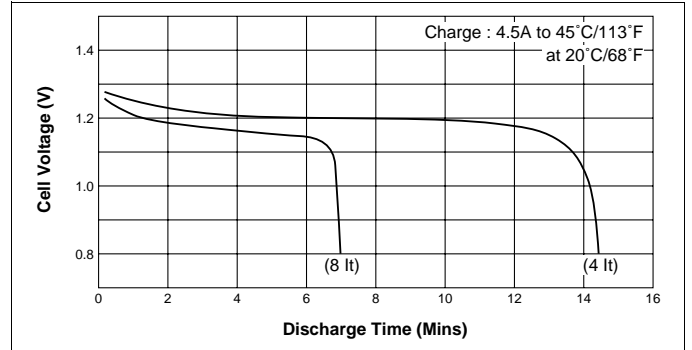
Discharge (at high rate)



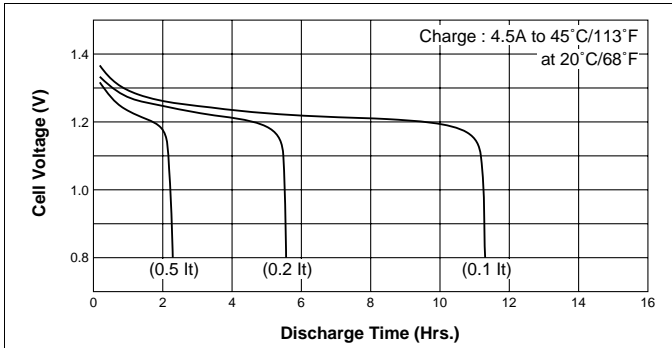
Cell Capacity (at various discharge rate)



Discharge (at high rate)



Discharge (at low rate)



Temperature (Charge & Discharge)

