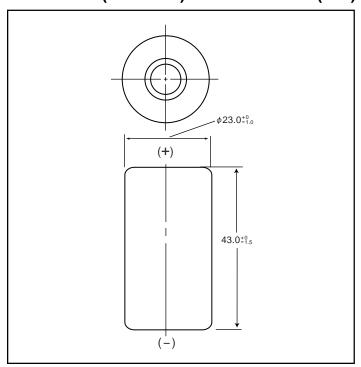
### NICKEL METAL HYDRIDE BATTERIES: INDIVIDUAL DATA SHEET

# HHR300SCP Cylindrical SC size (HR 23/43)

#### **Dimensions (with Tube)**

(mm)



#### **Specifications**

|             | mm          | inch         |
|-------------|-------------|--------------|
| Diameter    | 23.0+0/-0.1 | 0.91+0/-0.04 |
| Height      | 43.0+0/-1.5 | 1.69+0/-0.06 |
| Approximate | Grams       | Ounces       |
| Weight      | 57          | 2.01         |

| Nominal Voltage  |           | 1.2V         |                         |               |
|--|-----------|--------------|-------------------------|---------------|
| Discharge<br>Capacity*                                 |           | Average**    | 3050 mAh                |               |
|  |           | Rated (Min.) | 2800 mAh                |               |
| Approx. Internal impedance at 1000Hz at charged state. |           | 4mΩ          |                         |               |
| Charge   |           | Standard     | 300mA (0.1lt) x 16hrs.  |               |
|  |           | Rapid        | 3000mA (1lt) x 1.2 hrs. |               |
| Ambient<br>Temperature                                 | Charge    | Standard     | °C                      | °F            |
|  |           |              | 0°C to 45°C             | 32°F to 113°F |
|  |           | Rapid        | 0°C to 40°C             | 32°F to 104°F |
| mb   | Discharge |              | -10°C to 65°C           | 14°F to 149°F |
| A  | Storage   | < 2 years    | -20°C to 35°C           | -4°F to 95°F  |
|  |           | < 6 months   | -20°C to 45°C           | -4°F to 113°F |

- \* After charging at 0.1lt for 16 hours, discharging at 0.2lt.
- \*\* For reference only.

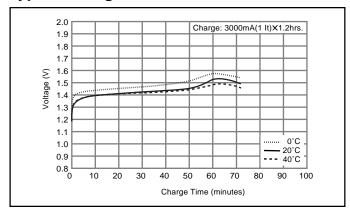
Battery performance and cycle life are strongly affected by how they are used. In order to maximize battery safety, please consult Panasonic when determining charge / discharge specs, warning label contents and unit design.

Note: [It] was previously expressed as [C]. [It] is an IEC standard expression for the amount of charge or discharge current and is expressed as: It(A) = Cn (Ah)/1h.

- [It] is the reference test current in ampres
- [Cn] is the rated capacity of the cell or battery in Ampere-hours.

  n = the time base [hours] for which the rated capacity is declared

#### **Typical Charge Characteristics**



## **Typical Discharge Characteristics**

