

## **Excellent Integrated System Limited**

Stocking Distributor

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[Panasonic - BSG](#)  
[P-100AASJ/B6B](#)

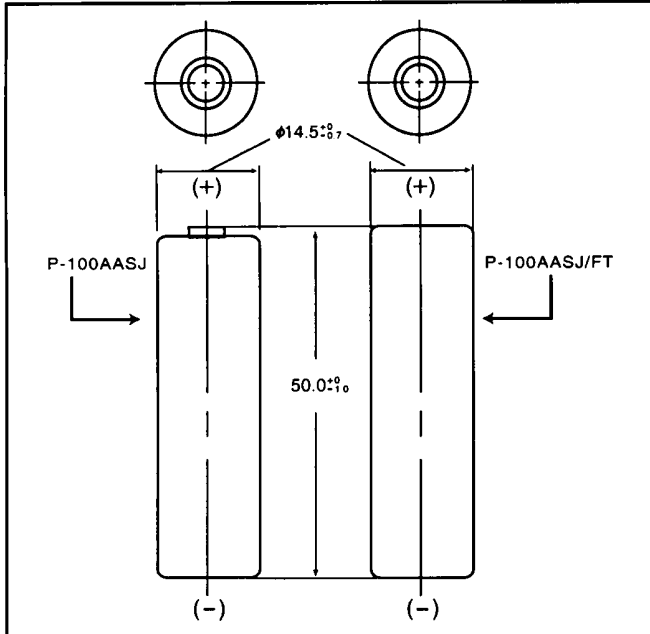
For any questions, you can email us directly:

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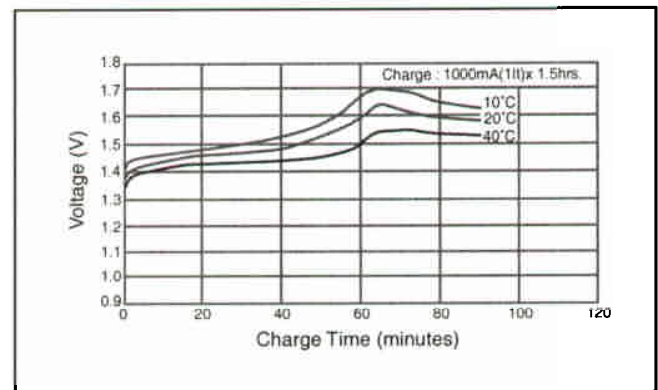
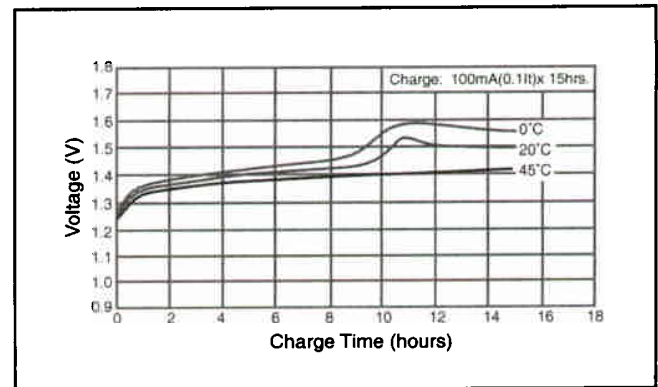
## NICKEL CADMIUM BATTERIES: INDIVIDUAL DATA SHEET

### P-100AASJ/B AA size (KR15/51) Type: S P-100AASJ/FT

Dimensions (with tube) (mm)



### Typical Charge Characteristics



### Specifications

|                    | mm           | inch          |
|--------------------|--------------|---------------|
| Diameter           | 14.5 +0/-0.7 | 0.57 +0/-0.03 |
| Height             | 50.0 +0/-1.0 | 1.97 +0/-0.04 |
| Approximate Weight | Grams        | Ounces        |
|                    | 23g          | 0.81          |

|   |              |                               |                              |
|---|--------------|-------------------------------|------------------------------|
| Nominal Voltage                                       |              | 1.2V                          |                              |
| Discharge Capacity*                                   | Average**    | 1080mAh                       |                              |
|   | Rated (Min.) | 1000mAh                       |                              |
| Approx. Internal impedance at 1000Hz at charged state |              | 17mΩ                          |                              |
| Charge  | Standard     | 100mA (0.1It) x 16 hrs.       |                              |
|   | Rapid***     | 1000mA (1It) x 1.5 hrs.       |                              |
| Ambient Temperature                                   | Charge       | Standard                      | 0°C to 45°C / 32°F to 113°F  |
|   |              | Rapid                         | 10°C to 40°C / 50°F to 104°F |
|   | Discharge    | -20°C to 65°C / -4°F to 149°F |                              |
| 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 |                              |

\* 0.2It discharge capacity after charging at 0.1It for 16 hours.

\*\* For reference only.

\*\*\* Refer to "Charge Methods for Ni-Cd Batteries"

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 amperes
- [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 Discharge Characteristics

