

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Panasonic - BSG](#)

[P-60AS/A18](#)

For any questions, you can email us directly:

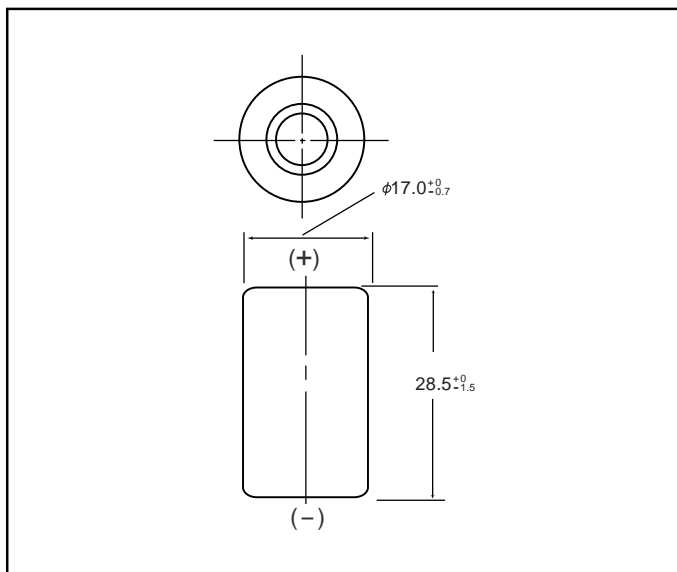
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

## NICKEL CADMIUM BATTERIES: INDIVIDUAL DATA SHEET

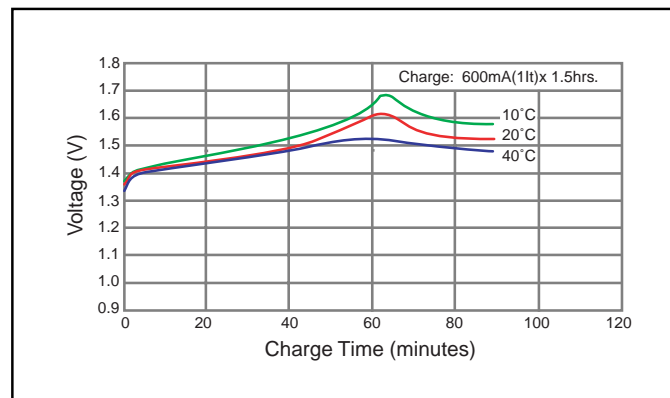
### P-60AS 2/3A size (KR17/29) Type: S

Dimensions (with tube)

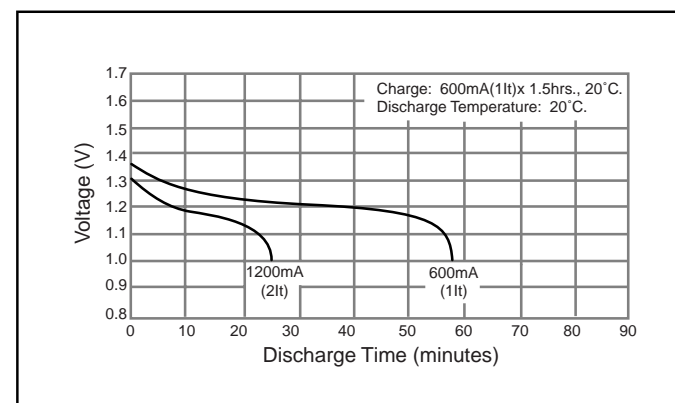
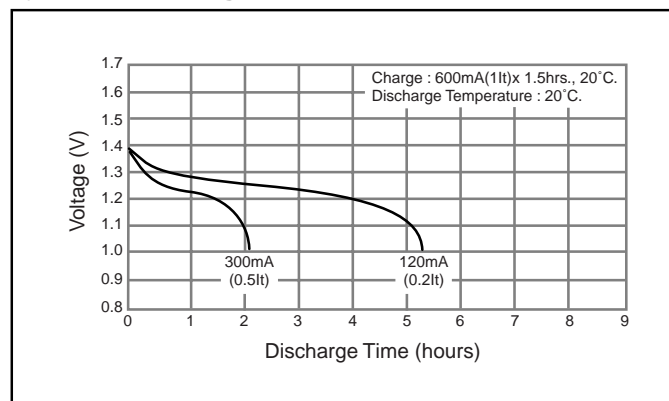
(mm)



### Typical Charge Characteristics



### Typical Discharge Characteristics



### Specifications

|                    | mm           | inch          |
|--------------------|--------------|---------------|
| Diameter           | 17.0 +0/-0.7 | 0.67 +0/-0.03 |
| Height             | 28.5 +0/-1.5 | 1.12 +0/-0.04 |
| Approximate Weight | Grams        | Ounces        |
|                    | 18g          | 0.63          |

|   |              |                        |               |
|---|--------------|------------------------|---------------|
| Nominal Voltage                                       |              | 1.2V                   |               |
| Discharge Capacity*                                   | Average**    | 660mAh                 |               |
|   | Rated (Min.) | 600mAh                 |               |
| Approx. Internal impedance at 1000Hz at charged state |              | 25mΩ                   |               |
| Charge  | Standard     | 60mA (0.1It) x 16 hrs. |               |
|   | Rapid***     | 600mA (1It) x 1.5 hrs. |               |
| Ambient Temperature                                   | Charge       | Standard               | °C            |
|   |              |                        | °F            |
|   | Rapid        |                        | °C            |
|   |              |                        | °F            |
|   | Discharge    |                        | -20°C to 65°C |
|   |              |                        | -4°F to 149°F |
| Storage   | < 2 years    |                        | -20°C to 35°C |
|   | < 6 months   |                        | -20°C to 45°C |

\* 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