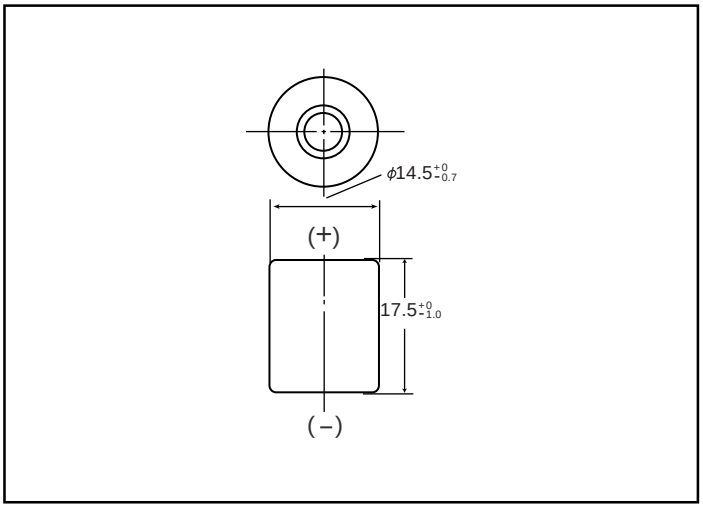
# P-11AAH 1/3AA size (KR15/18) Type: H

## Dimensions (with tube) (mm)




## Specifications

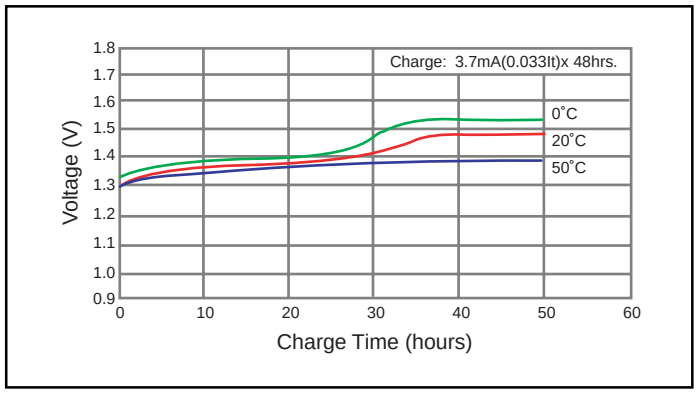
| | mm | inch |
|---|---|---|
| Diameter | 14.5 +0/-0.7 | 0.57 +0/-0.03 |
| Height | 17.5 +0/-1.0 | 0.69 +0/-0.04 |
| Approximate Weight | Grams | Ounces |
| | 6.5g | 0.23 |

| | | | | |
|---|---|---|---|---|
| Nominal Voltage | | | 1.2V | |
| Discharge Capacity* | Average** | | 120mAh | |
| | Rated (Min.) | | 110mAh | |
| Approx. Internal impedance at 1000Hz at charged state | | | 80mΩ | |
| Charge | Standard | | 11mA (0.1It) x 16 hrs. | |
| | Trickle | Max Current | 5.5mA (0.05It) x 30h and over | |
| | | Min Current | 3.7mA (0.033It) x 45h and over | |
| Ambient Temperature | Charge | | ˚C | ˚F |
| | | | 0˚C to 50˚C | 32˚F to 122˚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 |
| | | < 1 month | -20˚C to 55˚C | -4˚F to 131˚F |

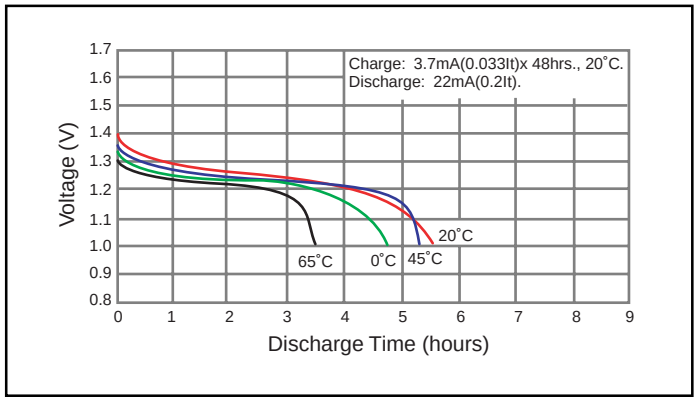
* 0.2It discharge capacity after charging at 0.1It for 16 hours.
** For reference only.
Battery performance and cycle life are strongly affected by how they are used. In order to maximize battery safety, please consult Panasonic when determining charge / discharge specs, warning label contents and unit design.

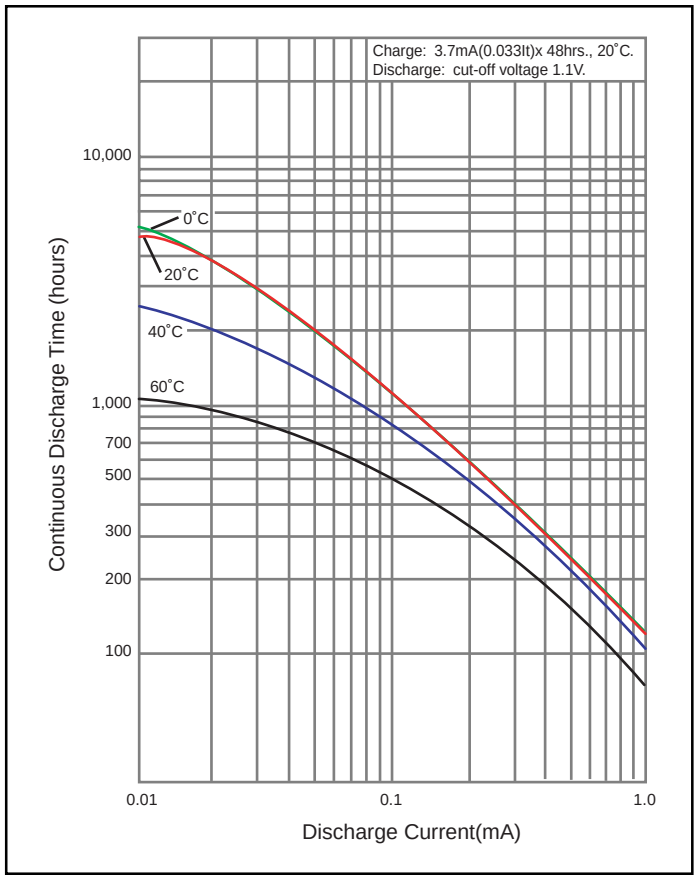
**Note:** [It] was previously expressed as [C]. [It] is an IEC standard expression for the amount of charge or discharge current and is expressed as:
It(A) = Cn (Ah)/1h.
- [It] is the reference test current in ampres
- [Cn] is the rated capacity of the cell or battery in Ampere-hours. n = the time base [hours] for which the rated capacity is declared

## Typical Charge Characteristics




## Typical Discharge Characteristics





This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Contact Panasonic for the latest information.