

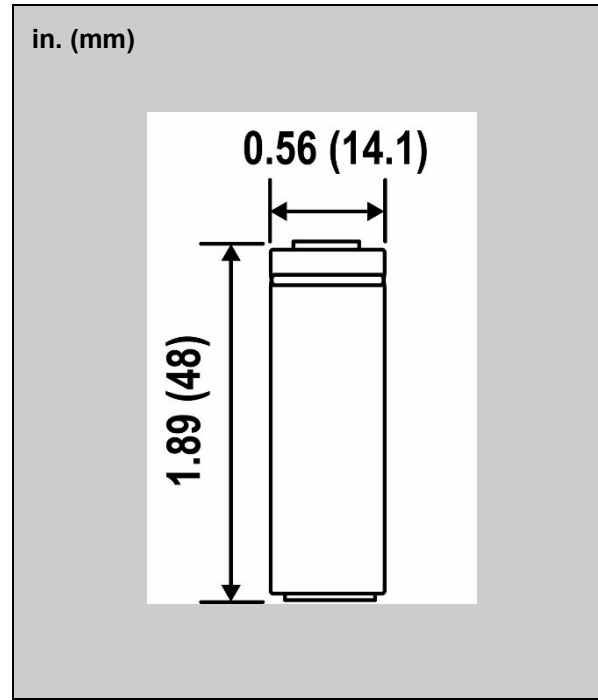
## Sealed Nickel Cadmium Batteries

Model: PS-AAX

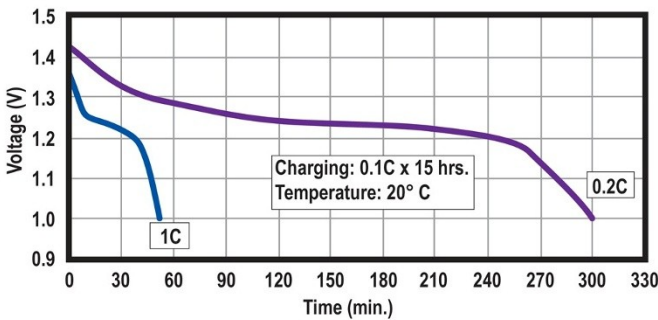
### Specifications

|   |                         |                 |
|---|-------------------------|-----------------|
| Nominal Voltage                           |                         | 1.2 Volt        |
| Rated Capacity                            |                         | 700 mAh         |
| Dimensions                                | Diameter in. (mm)       | 0.56 (14.1)     |
|   | Height in. (mm)         | 1.89 (48.0)     |
|   | Height with solder tabs | 1.93 (49.0)     |
|   | Weight Approx.          | 22 gm           |
|   | Internal Resistance     | < 27 mΩ         |
|   | Standard Charge (0.1C)  | 70 mA           |
|   | Trickle Charge          | (0.03C)~(0.05C) |
|   | Fast Charge ΔV          | 700 mA          |
| Recommended Operating Temperature Range   | Std/Trickle Charge      | 20±5°C          |
|   | Fast Charge             | 20±5°C          |
|   | Discharge               | 20±5°C          |
|   | Storage                 | -20°C to 45°C   |
| Standard Discharge (0.2C) Cut Off Voltage |                         | 1.0V per cell   |
| High Rate Discharge (1 C) Cut Off Voltage |                         | V per cell      |

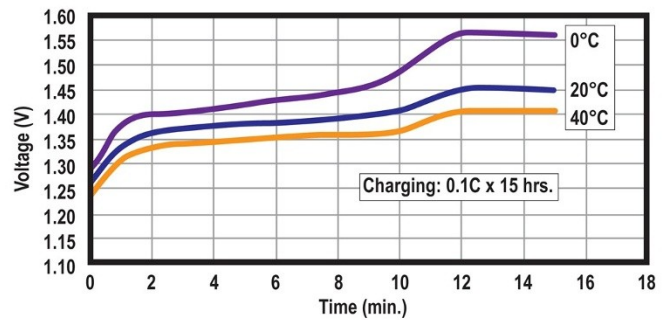
### Dimensions



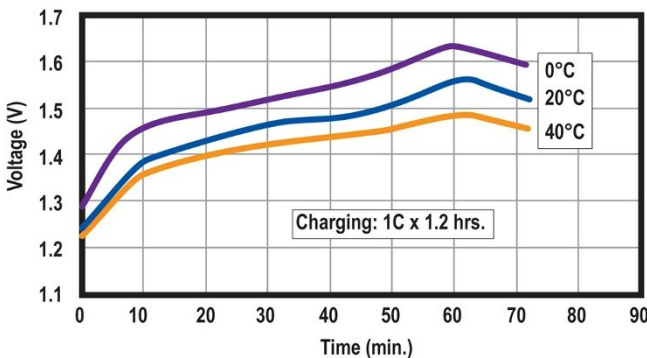
### Charging and Discharging Characteristics



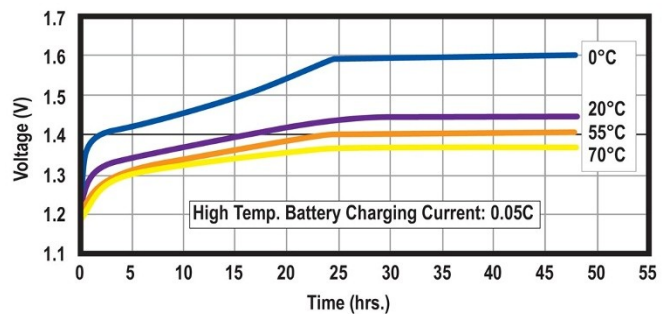
Discharge



Standard Charge



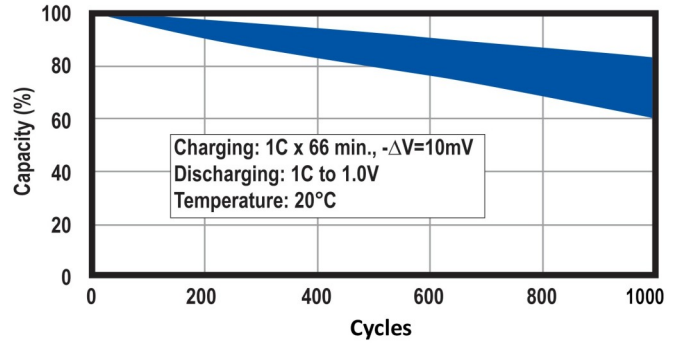
Fast Charge



Trickle Charge



▲ Standard Battery Cycle Life ▲



▲ Fast Charging Cycle Life ▲



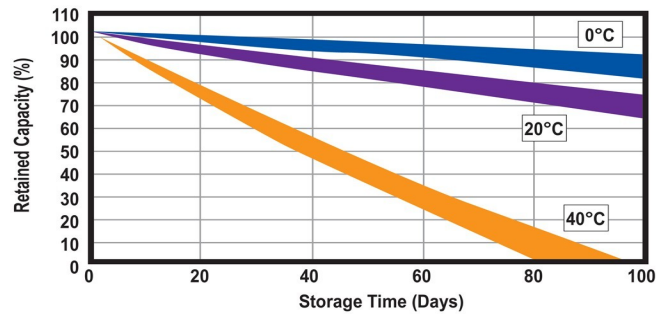
▲ Cycle Life Using Trickle Charging ▲



▲ Stand-by Battery Life ▲



▲ Capacity vs. Temperature ▲



▲ Retained Capacity In Storage ▲

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