

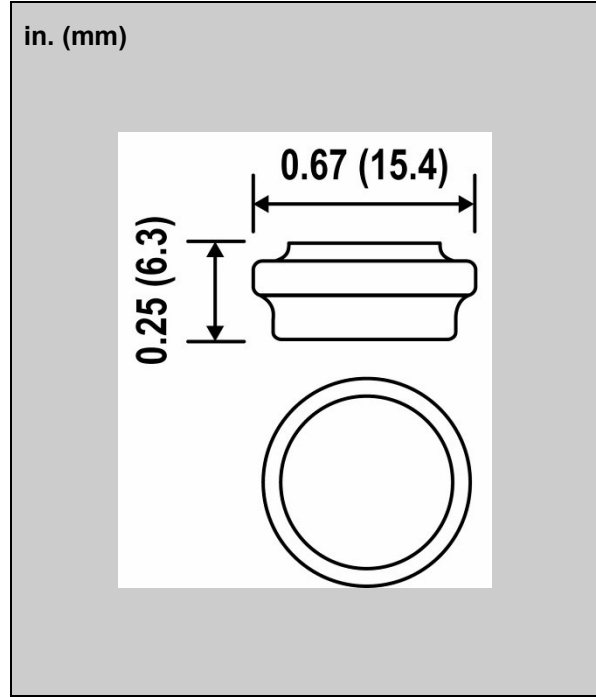
## Sealed Nickel-Metal Hydride Rechargeable Batteries

Model:NH-B80

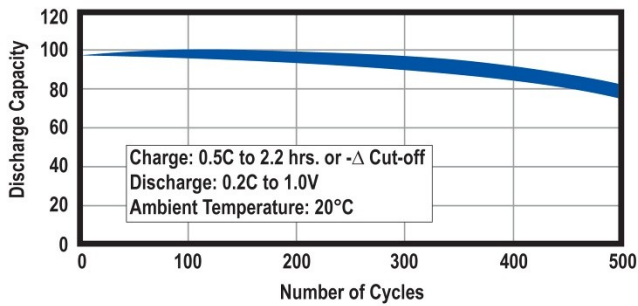
### Specifications

|                                           |                         |                 |
|-------------------------------------------|-------------------------|-----------------|
| Nominal Voltage                           |                         | 1.2 Volt        |
| Rated Capacity                            |                         | 80 mAh          |
| Dimensions                                | Diameter in. (mm)       | 0.67 (15.4)     |
|                                           | Height in. (mm)         | 0.25 (6.3)      |
|                                           | Height with solder tabs | 0.29 (7.3)      |
|                                           | Weight Approx.          | 3.5 gm          |
|                                           | Internal Resistance     | <1500 mΩ        |
|                                           | Standard Charge (0.1C)  | 8 mA            |
|                                           | Trickle Charge          | (0.03C)~(0.05C) |
|                                           | Fast Charge ΔV          | n/a             |
| 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 |                         | 1.0V per cell   |

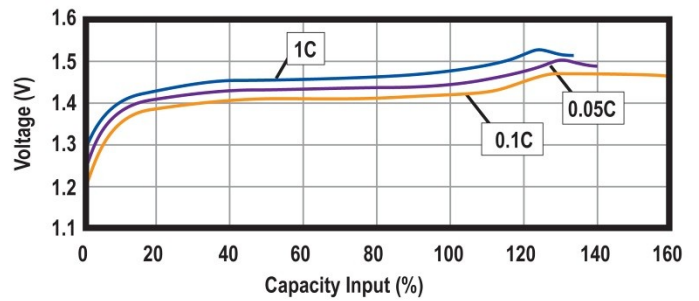
### Dimensions



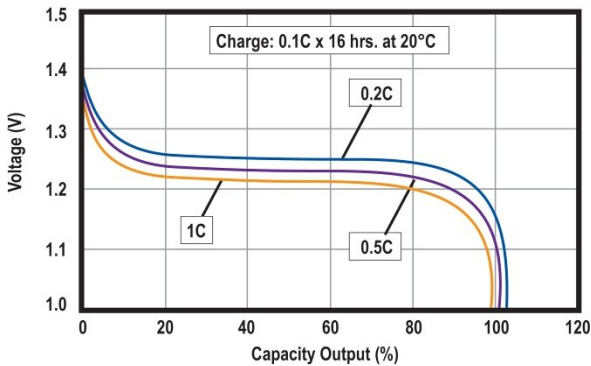
## Charging and Discharging Characteristics



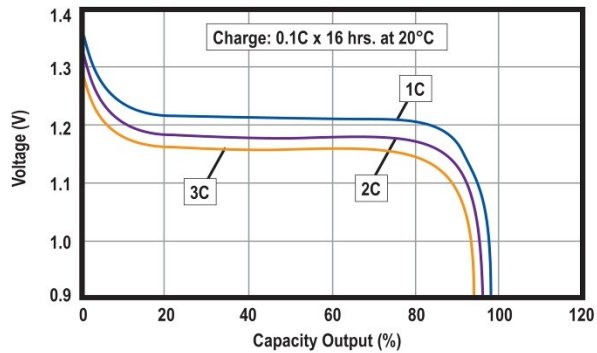
Discharge Cycle Life



Standard Charge

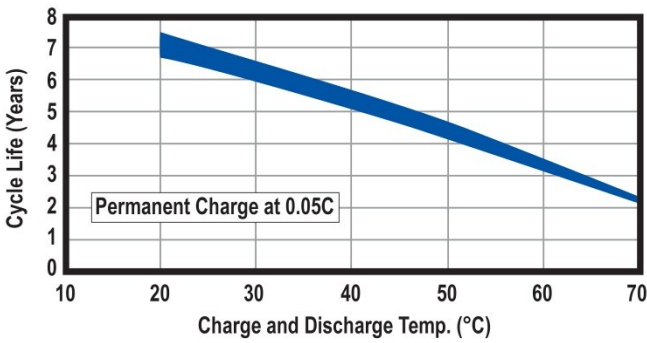


Standard Battery Discharging (0.2C/0.5C/1C)

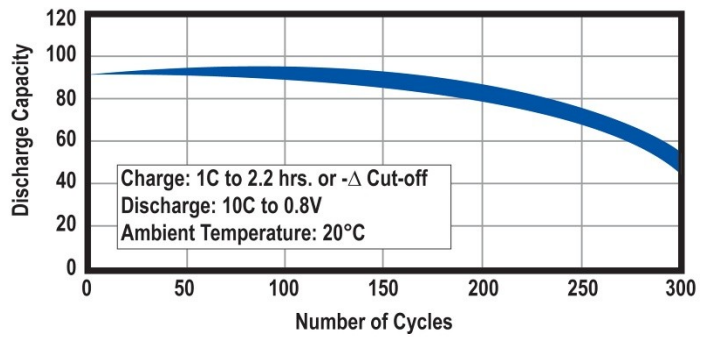


Standard Battery Discharging (1C/2C/3C)

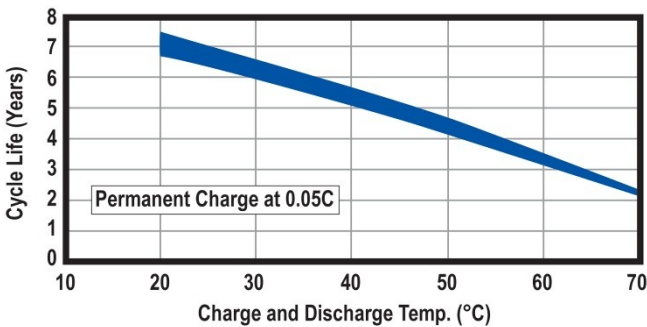
Please note the following graphs are for High Temperature and High Power batteries. These batteries do not form part of our standard range, but both types are available on request subject to minimum order quantities and delivery times. Please contact us for further details.



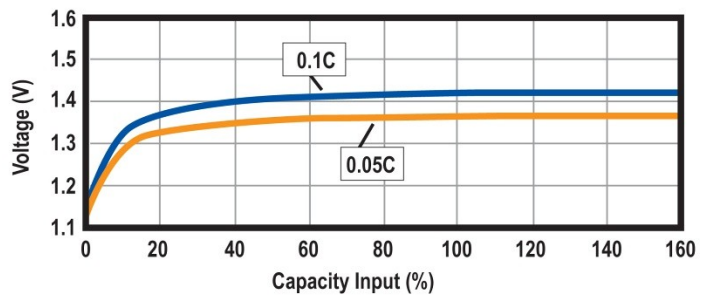
**High Temp. Battery Charging and Discharging**



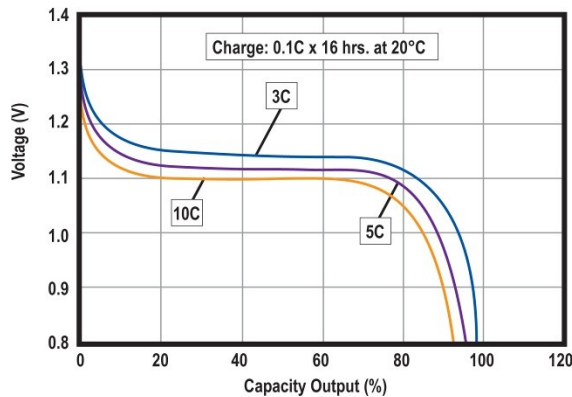
**High Power (10C Discharge) Cycle Life**



**High Temp. Battery Discharge Cycle Life**



**High Temp. Battery Trickle Charge**



**High Power Battery Discharging (3C/5C/10C)**

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