

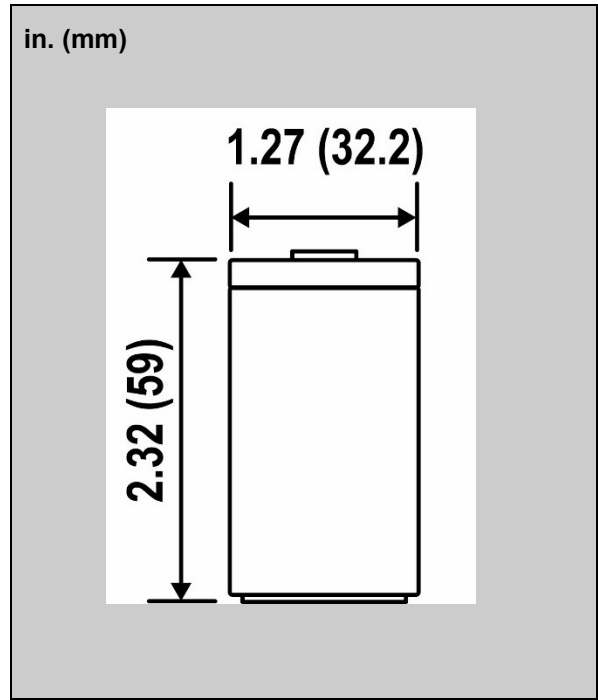
Sealed Nickel-Metal Hydride Rechargeable Batteries

Model: NH-7000D

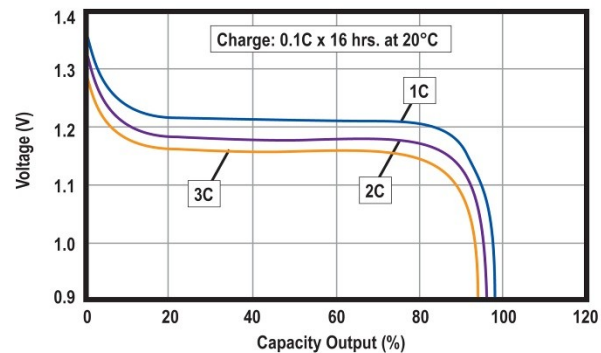
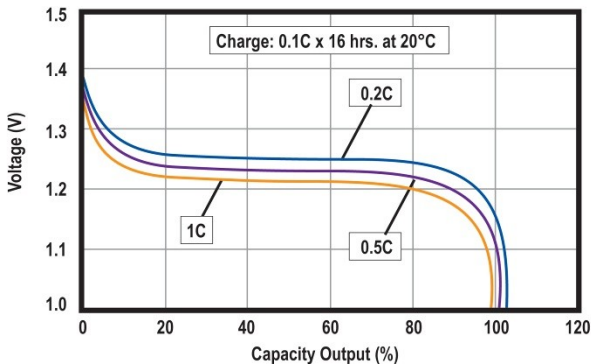
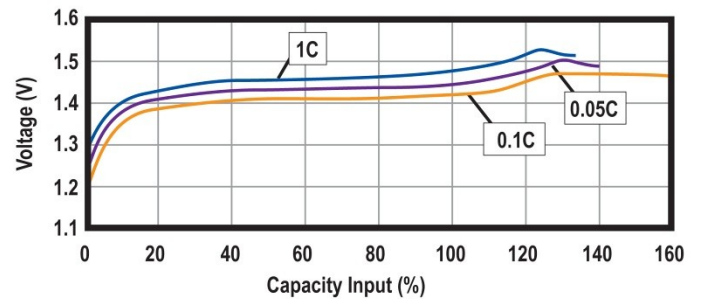
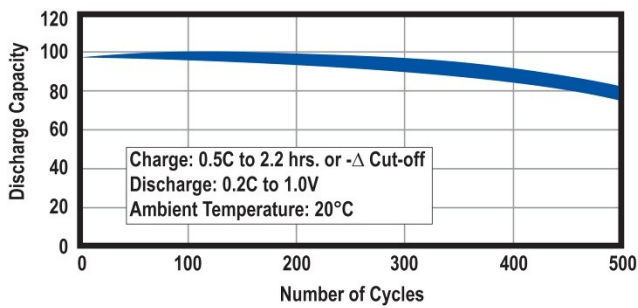
Specifications

Nominal Voltage		1.2 Volt
Rated Capacity		7000 mAh
Dimensions	Diameter in. (mm)	1.27 (32.2)
	Height in. (mm)	2.32 (59.0)
	Height with solder tabs	2.36 (60.0)
Weight Approx.	Weight Approx.	153 gm
	Internal Resistance	<9 mΩ
	Standard Charge (0.1C)	700 mA
	Trickle Charge	(0.03C)~(0.05C)
	Fast Charge ΔV	3500 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		1.0V per cell

Dimensions



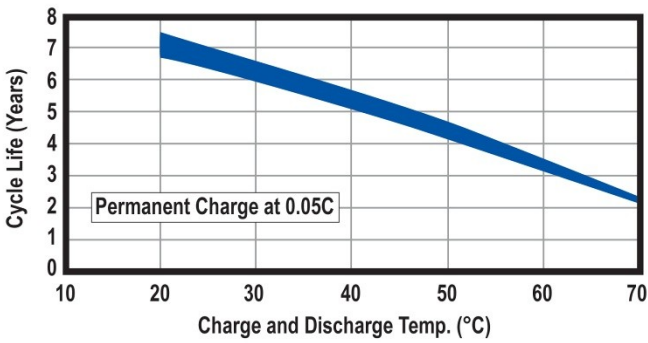
Charging and Discharging Characteristics



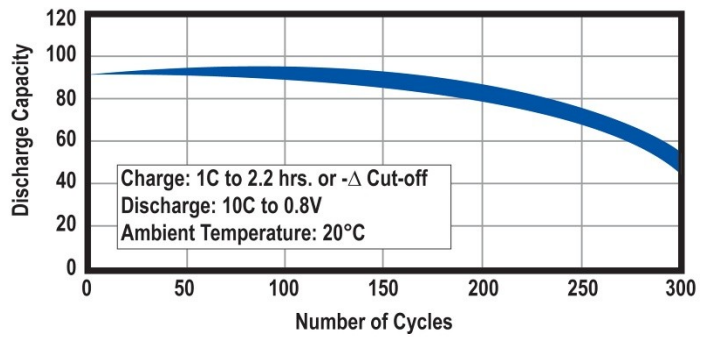
Standard Battery Discharging (0.2C/0.5C/1C)

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

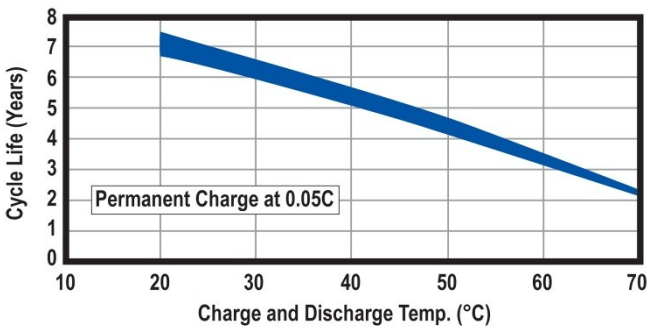
Please note the following graphs are for High Temperature and High Power batteries. These batteries do not form part of our standard range, but both types are available on request subject to minimum order quantities and delivery times. Please contact us for further details.



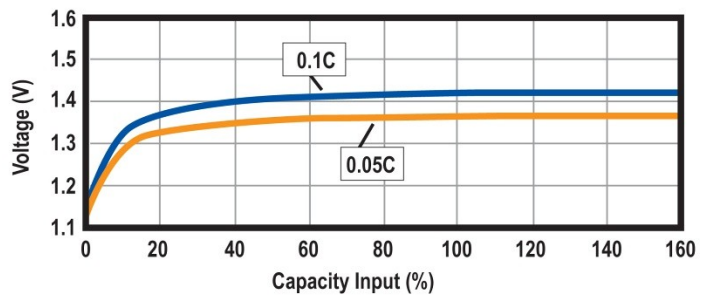
High Temp. Battery Charging and Discharging



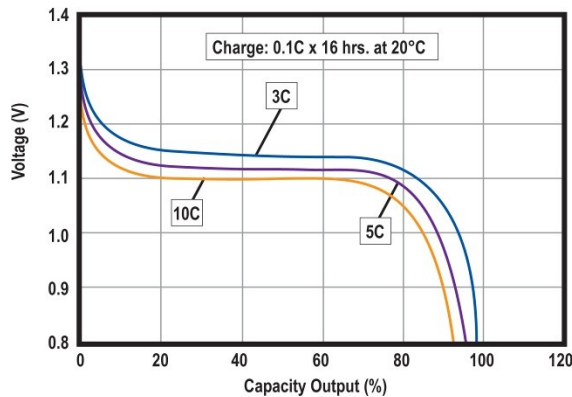
High Power (10C Discharge) Cycle Life



High Temp. Battery Discharge Cycle Life



High Temp. Battery Trickle Charge



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

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