

We've Got The Power.™

Sealed Nickel-Metal Hydride Batteries

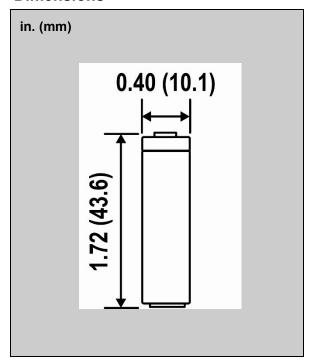
POWER PSONIC®

Model: NH-600AAA

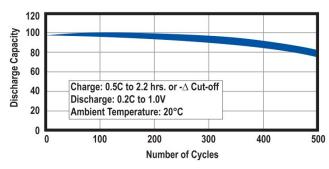
Specifications

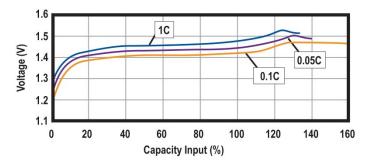
Nominal Voltage		1.2 Volt
Rated Capacity		600 mAh
	Diameter in. (mm)	0.40 (10.1)
Dimensions	Height in. (mm)	1.72 (43.6)
	Height with solder tabs	1.76 (44.6)
	Weight Approx.	12 gm
	Internal Resistance	<38 mΩ
	Standard Charge (0.1C)	60 mA
	Trickle Charge	(0.03C)~(0.05C)
	Fast Charge ΔV	600 mA
Recommended	Std/Trickle Charge	20±5°C
Operating	Fast Charge	20±5°C
Temperature	Discharge	20±5°C
Range	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

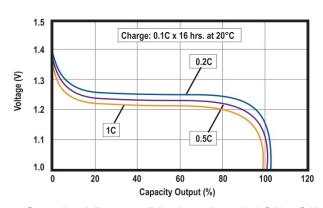


Charging and Discharging Characteristics

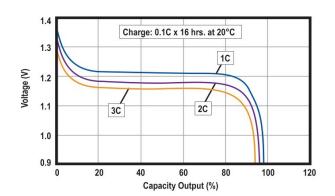




Discharge Cycle Life



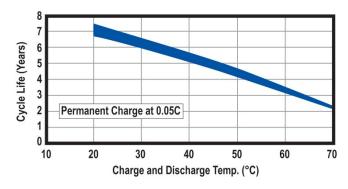
Standard Charge



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

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

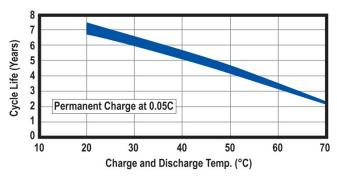
Please note the following graphs are for High Temperature and High Power batteries. These batteries do not form part of our standard range, but both types are available on request subject to minimum order quantities and delivery times. Please contact us for further details.

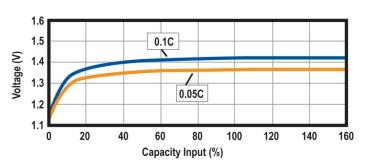


120 100 Discharge Capacity 80 60 Charge: 1C to 2.2 hrs. or -∆ Cut-off 40 Discharge: 10C to 0.8V 20 Ambient Temperature: 20°C 0 50 100 150 200 250 300 **Number of Cycles**

High Temp. Battery Charging and Discharging

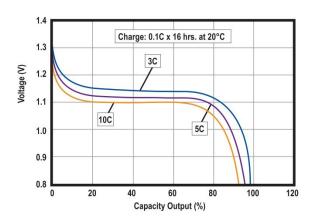
High Power (10C Discharge) Cycle Life





High Temp. Battery Discharge Cycle Life

High Temp. Battery Trickle Charge



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

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