

# Ni-MH Battery

## Nickel Metal Hydride Battery

### NH-4/3A3600 Brief Datasheet

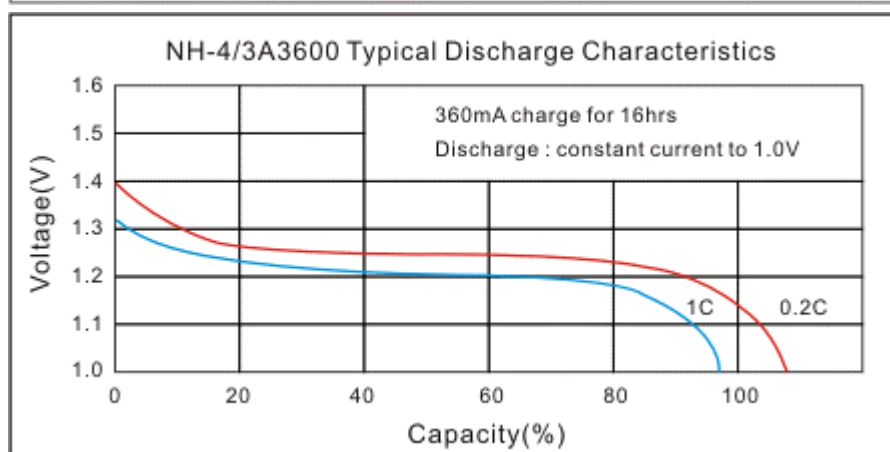
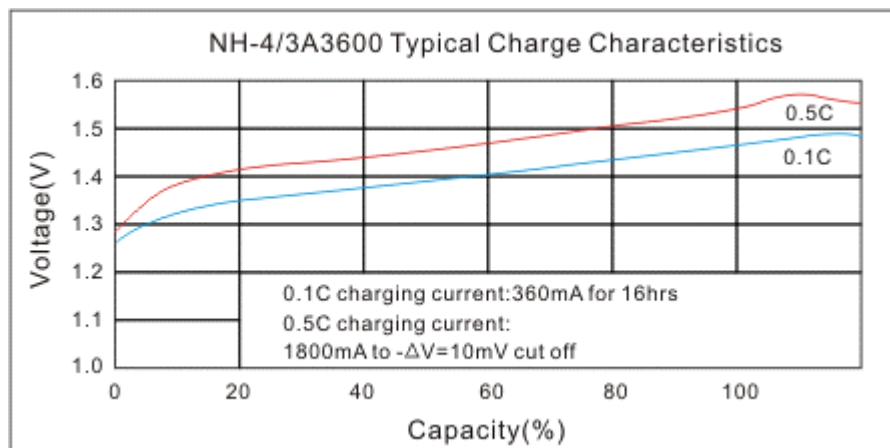
#### 1. BASIC SPECIFICATION:

<b>Model</b>		NH-4/3A3600	<b>Nominal Voltage</b>		1.2V
<b>Charge</b>	<b>Standard</b>	360mA for 16hrs	<b>Capacity</b>	<b>Typical</b>	3650mAh (0.2C discharge)
	<b>Fast</b>	1800mA to $-V=5\sim 10\text{mV}$ (about 144min)		<b>Minimum</b>	3600mAh (0.2C discharge)
<b>Life Cycles</b>		500cycles	<b>Internal Impedance</b>		Less than 15m
<b>Weight</b>		Approx. 47g	<b>Discharge Temp.</b>		-10°C to 50°C
<b>Charge Temp.</b>	<b>Standard</b>	0°C to 40°C	<b>Storage Temp.</b>	<b>&lt; 1 year</b>	-10°C to 30°C
	<b>Fast</b>	10°C to 40°C		<b>&lt; 3 month</b>	-10°C to 40°C
<b>Discharge Cut-off Voltage</b>		1.0V			

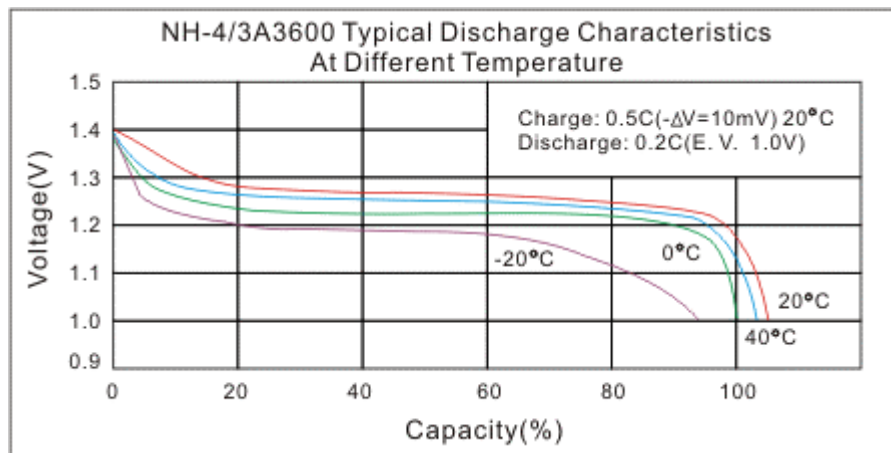
#### 2. MAIN FEATURES

- Ni-MH battery features the same voltage (1.2V) as Ni-CD, yet twice the capacity.
- Wide operational temperature range from -10°C to 50°C.
- Self-discharge is minimized to levels below Ni-CD for enhanced storage characteristics.
- Quick charging in about one hour is possible with a specially designed Ni-MH exclusive charger..

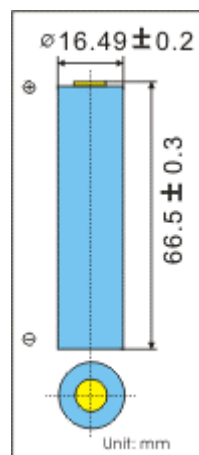
#### 3. ELECTRICAL CHARACTERISTICS



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#### 4. BATTERY DIMENSION



#### 4. WARNING!

- \* Do not short-circuit, disassemble, deform, heat or place the battery near a direct flame. Any of the above actions could cause it to ignite explode or become damaged.
- \* Do not weld directly batteries.
- \* Do not reverse polarity when charging the battery.
- \* Do not connect the anode and cathode with metals like wires
- \* Please store batteries in a cool dry place.
- \* Keep the battery out of the reach of children.

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