

WATSON™

4-Hour Rapid Charger


for AA/AAA Ni-MH & Ni-Cd
Rechargeable Batteries

Owner's Manual

Please read
before using
this equipment.







Thank you for
purchasing the
Watson 4-Hour
Rapid Battery
Charger.

Browse through
this manual for
information and
useful tips on how
to use your new
equipment.



THE WATSON 4-HOUR RAPID BATTERY CHARGER'S FEATURES INCLUDE:



1. **Universal Power Supply** -
100-240V AC input voltage



2. **Multiple Charging Circuits** -
Allows you to charge two or
four AA/AAA size nickel-metal
hydride or nickel-cadmium
batteries.



3. **Automatic Charge
Current Selection** -
Automatically selects the best
charging current for each
battery size.



4. **Automatic Shut-Off** -
A special circuit senses when
battery is fully charged.



5. **Reverse Polarity Protection** -
Protects your batteries and the charger against incorrectly installed batteries.



6. **Safety Timer Shut-Off** -
Turns off the charger to prevent overcharging batteries.



7. **Short Circuiting Protection** -
Protects the charger and batteries from short circuits.



8. **Over-Current Protection** -
Protects the charger from defective or shorted batteries.



9. **Simultaneous Charging** -
Patented technology charges AA and AAA size batteries simultaneously.

CHARGING OPERATION AA & AAA BATTERIES:

- 1 Insert 2 or 4 AA or AAA Ni-CD or Ni-MH batteries into battery chambers, oriented according to the polarity symbols (+ or -) that are marked inside each chamber.
- 2 Pull out the flat AC plug 90 degrees, and plug into a standard AC outlet.
- 3 The charging indicator lights will flash before charging, then go solid red while charging.
- 4 When the batteries are fully charged, the lights will go solid green.
- 5 When you are finished charging the batteries, remove the flat AC plug from the AC outlet.

DANGER:

To reduce the risk of fire or electric shock, carefully follow these instructions. This manual contains important safety and operating instructions for your charger.

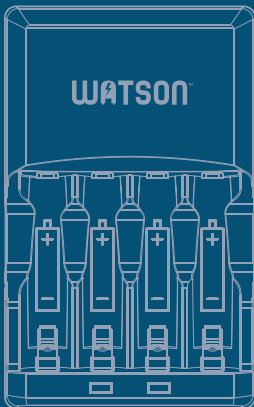
Before using the charger, read all instructions and advisories about the charger, the batteries to be charged, and the products that use the batteries.

CHARGING TIME*: (approximate)

Type Ni-MH	Capacity	Charging Time	
		2 pcs.	4 pcs.
AA	1800 mAh	110 min.	220 min.
	2300 mAh	140 min.	280 min.
AAA	1000 mAh	100 min.	200 min.

*Actual charging time may vary depending on the cell's discharge level, capacity, and condition. Longer charging time may occur when the charger is used in temperatures above 35°C (95°F).

Rapid Charger



SPECIFICATIONS:

Power Adapter:	Input 100-240V AC, 50/60 Hz; 10 W
Charging Current:	AA=2A, AAA=1A
Safety Guard Timer:	6 hours
Automatic Shut-off:	Negative Delta V and Zero Slope Detection
Approvals:	UL, CUL
Dimensions:	4.3 x 2.7 x 1.3 (111 x 70 x 35 mm)
Weight:	2.8oz (80g)

Specifications are typical; individual units may vary. Specifications are subject to change and improvement without notice.

GENERAL CHARGING HINTS:

- It is normal for the batteries to become warm while charging.
- Charge batteries in temperatures between 32°F and 113°F (0°C and 45°C). Cold batteries cannot charge fully. If they are too warm, the batteries can lose their capacity to recharge.
- Do not charge batteries other than those listed in this manual, and do not use procedures other than those described in this manual.

Note: *If two level indicators are flashing, it is an indication that at least one of the batteries needs to be replaced.*

IMPORTANT SAFETY INSTRUCTIONS:

WARNING! TO REDUCE THE RISK OF INJURY:

- Charge only Ni-CD or Ni-MH batteries with this charger. Other types of batteries can burst, causing personal injury and damage.
- Unplug the charger from the AC outlet before attempting maintenance or cleaning.
- Do not disassemble the charger. Take it to a qualified service technician when service or repair is required. Improper assembly may result in the risk of electric shock or fire.
- Do not use any attachment not recommended or sold by Watson, as this could result in the risk of fire, electric shock, or injury.

CAUTION! TO REDUCE THE RISK OF DAMAGE:

- Do not use an extension cord. Its use could result in fire or electric shock.
- Do not operate the charger if it has received a sharp blow or has been dropped or damaged in any way. Take it to a qualified service technician for repair.
- Do not expose the charger to rain or excessive moisture.
- Never use the charger as a DC power source for any electrical equipment.

Warning: To prevent damage to your charger as well as the risk of electrical shock, always unplug the charger from the AC outlet before handling the batteries.



WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. HAVE PRODUCT SERVICED BY QUALIFIED PERSONNEL ONLY TO REDUCE THE RISK OF ELECTRIC SHOCK.



This symbol is intended to alert you to the presence of uninsulated and dangerous voltage inside the product housing which could be of sufficient power to deliver an electric shock. Do not open the product housing.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature that accompanies this product.

ONE-YEAR LIMITED WARRANTY

This Watson product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function. This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state. To obtain warranty coverage, contact the Watson Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Watson along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense. For more information or to arrange service, visit www.poweredbywatson.com or call Customer Service at 212-594-2353.



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