

WATSON™

2-Bay 9V Charger


for 9V Ni-MH Rechargeable
Batteries



Owner's Manual

Please read
before using
this equipment.





Thank you for
purchasing the
Watson 2-Bay 9V
Battery Charger.

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



THE WATSON 2-BAY 9V BATTERY CHARGER'S FEATURES INCLUDE:



1. **AC Adapter** - Powered by an internal AC adapter with compact fold-in outlet prongs for indoor use.



2. **Multiple Charging Circuits** - Allows you to charge one or two 9V size nickel-metal hydride batteries.



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



4. **Safety Timer Shut-Off -**

Turns off the charger to prevent overcharging batteries.



5. **Short Circuiting Protection -**

Protects the charger and batteries from short circuits.



6. **Over-Current Protection -**

Protects the charger from defective or shorted batteries.

CHARGING OPERATION 9V BATTERIES:

- 1 Insert 1 or 2 9V Ni-MH batteries into battery slots, oriented according to the polarity symbols (+ or -) that are marked on the battery.
- 2 Pull out the flat AC plug 90 degrees, and plug into an electrical outlet matching the input specification shown in this manual.
- 3 The charger will perform a self-test when the power is first connected. The LED will come on shortly and then go off to indicate ready status.
- 4 Battery charging is initiated automatically when batteries are inserted. A normal battery is indicated by a solid red light. The charger will begin charging if normal batteries are detected.

- 5 There are two independent charging channels and respective LED indicators. When charging is complete, the LED indicator will turn green. The batteries with green LED indicators are ready for use.
- 6 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)

Ni-MH	Capacity	Charging Time
9V	160 mAh	100 min.
	200 mAh	140 min.
	250 mAh	170 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).



SPECIFICATIONS:

Power Adapter:	Input 100-240V AC, 50/60 Hz; 3.8W (Max)
Charging Current:	90mA \pm 20mA
Safety Guard Timer:	6 hours
Automatic Shut-off:	Negative Delta V and Zero Slope Detection
Approvals:	CE, RoHS
Dimensions:	2.6" x 2.5" x 1.2" (68 x 65 x 31 mm)
Weight:	2.5oz (70g)

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 104°F (0°C and 40°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.

The batteries can be charged at least 1,000 times, and provide high performance for high-drain devices. The universal 100-240V AC input is perfect for traveling and charging anywhere.

IMPORTANT SAFETY INSTRUCTIONS:

WARNING! TO REDUCE THE RISK OF INJURY:

- Charge only 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.

LIMITED ONE-YEAR WARRANTY

Watson provides a limited warranty that this product is free from defects in materials and workmanship to the original purchaser under normal use for a period of one (1) year from the original purchase date. Watson's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at its option, of any product which fails during normal consumer use. This warranty does not extend to damage or failure which results from misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, WATSON 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. To obtain a replacement during the time of this warranty please return the defective item with proof of purchase along with an RMA number to the place of purchase. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

The background is a solid dark blue color. It features a repeating pattern of stylized, light blue outlines of keys and locks, arranged in a diagonal, interlocking fashion across the entire surface.

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