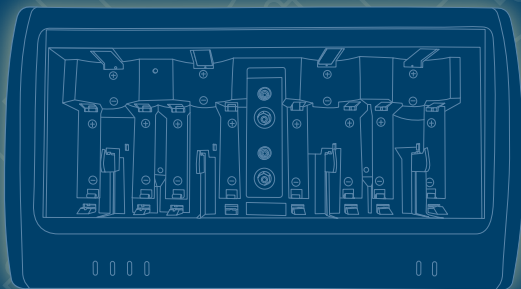


WATSON™

Universal 8-Bay Charger

for AA/AAA/C/D/9 NiMH & NiCd
Rechargeable Batteries



Owner's Manual

Please read
before using
this equipment.





Thank you for
purchasing the
Watson Universal
8-Bay Charger.

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



THE WATSON 8-BAY BATTERY CHARGER FEATURES:



1. LED indicators that show the charging status of the batteries.



2. The ability to charge different-size or different-capacity batteries simultaneously.



3. Reverse-polarity protection and alkaline- and bad-battery protection to safeguard your batteries and the charger from damage when batteries are fully charged and terminates charging to prevent overcharging.



4. An automatic shut-off circuit that senses when batteries are fully charged and terminates charging to prevent overcharging.



5. An included external AC adapter for indoor use and a DC adapter for your car's 12 V DC jack.



6. An intelligent microprocessor that detects when batteries are fully charged.



7. Delta voltage protection that recognizes the battery type and monitors voltage.



8. Overheating protection that prevents your batteries from attaining dangerously high charging temperatures.



9. Built-in short-circuit protection that helps thwart potential hazards including overheating, fire, or an explosion.



10. Independent safety timer control for the 9 V battery terminals to ensure safe and effective charging using such higher-voltage batteries.

You can fully charge up to eight AA or AAA, four C or D, or two 9 V batteries. Multiple-battery design accommodates NiMH and NiCd batteries. This is an economical power solution for users of portable devices with removable batteries.

The universal 100-240 V AC and 12-16 V DC inputs are ideal for traveling and charging anywhere.

RAPID CHARGER OPERATION:

(A) Power Input

For indoor usage,

- 1 Insert the supplied DC adapter's barrel plug into the charger's power input jack.
- 2 Rotate the prongs on the back of the AC adapter into the open position.
- 3 Plug the AC adapter into a standard AC outlet.
- 4 The LED charging indicators will briefly flash green and red to indicate that power is connected.

Or, for in-car usage,

- 1 Insert the supplied DC adapter's barrel plug into the charger's power input jack.
- 2 Plug the DC adapter into your vehicle's cigarette lighter.
- 3 The LED charging indicators will briefly flash green and red to indicate that power is connected.

(B) Battery Charging

- 1 Insert up to four pairs of AA or AAA batteries or four individual C or D batteries into the corresponding bays as indicated by the labels and the polarity symbols (+ and -) marked inside each bay. Connect 9 V batteries to the terminals in the center bay.

You can pair one AA with one AAA battery to charge them as a pair in the same channel.

2

The LED charging indicators turn red per channel when the batteries are charging and green when the batteries are fully charged.

Note: The LEDs flash red if you insert a disposable battery such as an alkaline. If you see the LEDs flashing red, remove the battery.

3

When charging is complete, unplug the charger from the outlet, and then remove the batteries from the charger.

To charge a single AA battery, insert it into one of the C/D charger bays. However, to charge a AAA you must pair it with a AAA or AA battery

SPECIFICATIONS:

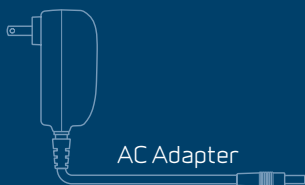
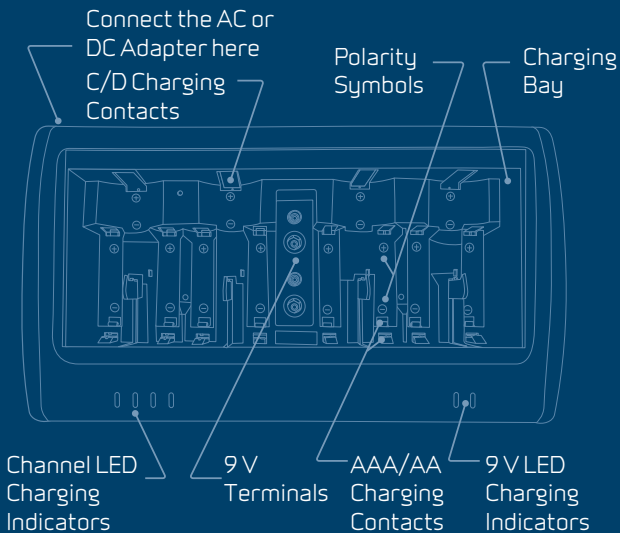
<i>Input:</i>	<i>100–240 V AC, 50/60 Hz 12–16 V DC</i>
<i>Max. Output</i>	<i>1–4 AA/AAA/C/D: 1.5 V/1.0 A 2–8 AAA: 3.0 V/0.5 A 2–8 AA: 3.0 V/0.8 A 1–2 9 V: 10.5 V/15 mA</i>
<i>Dimensions (W x H x D):</i>	<i>9.5 x 5 x 2.5 in. (24.1 x 12.7 x 6.4 cm)</i>
<i>Weight (charger):</i>	<i>0.9 lb. (0.4 g)</i>

*Specifications are typical; individual units may vary.
Specifications are subject to change and improvement
without notice. The actual product may vary from the
product pictured in this document.*

CHARGING TIME*: (approximate)

Type	Capacity (mAh)	Time (hours)
AAA	850	2.2
AA	2500	4.2
C	3500	3.5
D	5000	5
9 V	180	10

*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 95°F (35°C).



IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

Be sure to observe the following important precautions whenever using the charger and adapter.

- Never try to open the case of the charger or attempt your own repairs. High-voltage internal components present the risk of electric shock when exposed.
- Keep the charger and adapter away from water and other liquids. Never let them get wet. Moisture can cause fire and electric shock.
- Should you ever notice smoke or a strange odor coming out of the charger, immediately unplug the power adapter from the outlet. Using the charger under these conditions can cause fire and electric shock.
- Unplug the power adapter from the outlet and clean the area around the electrical contacts of the plug when necessary. Dust around the contacts can cause a fire.

AC ADAPTER PRECAUTIONS

- Never use an electrical outlet whose voltage is outside the rating marked on the AC adapter. Doing so can cause fire or electric shock. Use only the supplied power adapters for the chargers.
- Be careful not to cut or otherwise damage the power adapter cord, and do not place heavy objects on it. A damaged adapter cord can cause fire or electric shock.
- Never try to modify the AC adapter power cord, or subject it to severe bending, twisting or pulling. Doing so can cause the risk of fire and electric shock.
- Never touch the AC adapter with wet hands. Doing so can cause electric shock.
- Do not overload extension cords or wall outlets. Doing so can cause fire and electric shock.
- This product is for indoor use only. Do not expose the charger to rain or snow.
- To reduce the risk of damage to the electrical

plug and cord, disconnect by pulling the plug, not the cord.

- Make sure the cord is located properly so that it will not be stepped on, tripped over, or subjected to damage.
- To reduce the risk of electric shock, unplug the charger from the outlet when not in use and before attempting to clean it.
- Do not use solvents to clean the unit. They may damage the surface and the plastic parts of the unit. Clean the unit gently with only a soft dry cloth.
- Keep this product away from children.

BATTERY HANDLING PRECAUTIONS

Incorrect handling or misuse of batteries can cause them to leak or burst and damage your charger. Be sure to note the following important precautions to avoid problems with batteries.

- Use only NiMH or NiCd dry cell batteries with the charger. Do not charge any other kind of batteries, including alkaline batteries, since

they may burst and cause personal injury and damage.

- Always make sure that the plus (+) and minus (-) terminals of the batteries are facing correctly, corresponding to the markings on the charger itself. Improper loading of batteries creates the danger of personal injury or damaging nearby objects.
- Do not expose batteries to direct heat or dispose of them by burning. Doing either can cause an explosion.
- Do not operate the charger in an environment with temperatures higher than 104°F (40°C) due to the risk of electrolyte leakage, overheating, and battery damage.
- It is normal for batteries to become warm as they charge or discharge.
- If electrolyte material touches your eyes, immediately wash your eyes with running cold water, and seek medical attention.
- Please recycle dead batteries, and preserve our environment.

One-Year Limited Warranty

Watson provides a limited warranty to the original purchaser that this product is 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. Watson's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at Watson's discretion, of any product that fails during normal consumer use. Inoperability of the product or part(s) shall be determined by Watson. If the product has been discontinued, we reserve the right to replace it with a model of equivalent quality and function.

To obtain warranty coverage, contact Watson 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.

This warranty does not cover damage or defect caused by 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. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.



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