



Cat. No. 23-406

## 5-Hour AA & AAA Ni-Cd/Ni-MH Battery Charger

Your RadioShack 5-Hour AA & AAA Ni-Cd/Ni-MH Battery Charger can charge, at one time:

- two or four AA batteries,
- two or four AAA batteries,
- two AA and two AAA batteries,
- or one 9-volt battery.

Its features include:

**Ni-Cd/Ni-MH Switch** — lets you set which type of battery (Ni-Cd or Ni-MH) you are charging.

**Two Charging Indicators** — light when batteries are charging.



**9-volt Battery Terminal Attachment** — so you can charge a 9-volt battery.

**Automatic Power-Off** — automatically stops charging after 8 hours, which is ideal for high-capacity batteries.

**Reverse Polarity Protection** — protects the charger and batteries against damage from incorrectly installed batteries.

**Overcurrent Protection** — keeps the current constant.

**Warning:** To prevent fire or shock hazard, do not expose this product to rain or moisture.

	<b>CAUTION</b>	
RISK OF ELECTRIC SHOCK. DO NOT OPEN.		
<p><b>CAUTION:</b> TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.</p>		



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



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

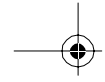
## SAVE THESE INSTRUCTIONS

This manual contains important safety and operating instructions for your fast charger.

Before using your battery charger, read all instructions and cautionary markings on the battery charger, the batteries to be charged, and the product that uses the batteries.

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**Warnings:**

- To reduce the risk of injury, charge only rechargeable Ni-Cd or Ni-MH batteries with this charger. Other types of batteries might burst, causing personal injury or damage to your charger.
- Do not charge a battery that is damaged or leaking.

4. To charge two AA or AAA batteries, place them in the two left or right chambers. Match the polarity symbols (+ and -) on each battery to the polarity symbols inside each chamber. or lights.

**ILLUS**

**CHARGING BATTERIES**

**Notes:**

- The batteries must be fully discharged before charging.
- It is normal for batteries to become warm while charging.

1. Plug the charger into a standard AC outlet.
2. Lift the tab on the right side of the charger cover and open the cover.
3. Set **Ni-Cd/Ni-MH** to **Ni-Cd** or **Ni-MH** according to the type of batteries you want to charge.

**Note:** You must charge AA and AAA batteries in pairs.

To charge four AA or AAA batteries, place them in all four chambers, matching the polarity symbols (+ and -) on each battery to the polarity symbols inside each chamber. and both light.

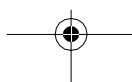
**Note:** You can charge two AA and two AAA batteries at the same time, but be sure all four are the same type (Ni-Cd or Ni-MH). Place the two AAA batteries in the left chambers and the AA batteries in the right chambers.

The charging timer begins when 2 batteries are loaded in one of the chambers. Batteries loaded subsequently might not be fully charged.

To charge a 9-volt battery, simply connect it to the battery terminal in the rightmost chamber. lights. The charger can only charge one 9-volt battery at a time.

5. Close the cover. After 8 hours, and turn off and the charger automatically turns off. (This prevents overcharging high-capacity batteries.)

**ILLUS**



**Cautions:**

- 9-volt batteries and standard capacity AA and AAA batteries fully charge in less than 8 hours. Refer to “Recommended Charging Times” for the recommended charging time for all sizes and types of standard capacity batteries.
  - The charger does not automatically turn off when charging a 9-volt battery. However, the low charge rate for a 9-volt battery prevents damage if one is left in the charger too long.
6. After each charge, unplug the charger from the outlet and remove the batteries.

**RECOMMENDED CHARGING TIMES**

Cat. No.	Type	Capacity	Charging Time (Hrs)
<b>Ni-MH</b>			
	AA	1100	5.0
	AA	1200	5.5
	AA	1250	5.7
	AAA	450	5.0
	AAA	550	6.2
<b>Ni-Cd</b>			
23-125	AA	650	5.0
23-149	AA	850	6.6
23-127	AAA	180	5.0
23-127A	AAA	250	7.0
23-126	9V	65	4.0
23-299	9V	120	7.3

**MAINTENANCE**

To enjoy your RadioShack 5-Hour AA & AAA Ni-Cd/Ni-MH Battery Charger for a long time:

- Keep the charger dry. If it gets wet, wipe it dry immediately.
- Use and store the charger only in normal temperature environments.
- Handle the charger gently and carefully. Don't drop it.
- Keep the charger away from dust and dirt.
- Wipe the charger with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the charger's internal components can cause a malfunction and invalidate its warranty. If your charger is not performing as it should, take it to your local RadioShack store for assistance.

## SPECIFICATIONS

Charging Current at 120V AC ( $\pm 15V$ ) .....	Ni-Cd AA: 180 mA $\pm 10\%$
	Ni-Cd AAA: 50 mA $\pm 10\%$
	Ni-MH AA: 305 mA $\pm 10\%$
	Ni-MH AAA: 125 mA $\pm 10\%$
	Ni-Cd/Ni-MH 9-volt battery: 23 mA $\pm 25\%$
Automatic Power-Off Timer .....	8 Hours for AA or AAA batteries

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

### Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.  
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