

WATSON™

Rapid Charger


for CR123A and CR2
3 Volt Lithium Batteries

Owner's Manual

Please read
before using
this equipment.







Thank you for
purchasing the
Watson Rapid
Charger for
CR123A / CR2
3 Volt batteries.

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



The Watson Rapid Charger will provide your batteries with outstanding power and performance for your electronic devices. The batteries can be charged up to 1,000 times and provide high performance for high-drain devices.

The charger can be used to simultaneously recharge two CR123A 3 Volt batteries, two CR2 3 Volt batteries, or one of each.

The universal 100-240V AC power is perfect for traveling, and the DC adapter allows you to charge from a vehicle.

THE WATSON RAPID CHARGER'S FEATURES INCLUDE:



1. **Short-circuit protection** Protects the charger and batteries from short circuits.



2. **Over-voltage protection** Protects the charger from defective or shorted batteries.



3. **Individual charging channels** Individual LED indicators show when the charging status of each battery is complete.



4. **Reverse polarity protection** Protects your batteries and the charger from damage when batteries are installed incorrectly.

CHARGING OPERATION

- 1 Insert the AC or DC adapter into the back of the charger.
- 2 Place one or two CR123A or CR2 batteries into the charging slots as indicated by the polarity symbols (+and-) marked inside each chamber.
- 3 Plug the adapter cord into an AC outlet or the DC charging socket of your automobile.
- 4 Use the table on page 6 to determine the approximate time necessary to recharge the batteries.
- 5 When the red LED status light turns blue, the batteries are fully charged. See the LED Status table on page 6 for more information.
- 6 The batteries may be left in the battery charger in order for them to remain fully charged. The charger will keep the batteries fully charged by means of trickle charge.
- 7 When charging is completed, unplug the charger from the outlet and then remove the batteries from the charger.

LED STATUS:

Color	Status
Red	Charging
Flashing blue	Charge is 80%–90% complete
Blue	Charge is 90%–100% complete
Flashing red and blue	Battery error

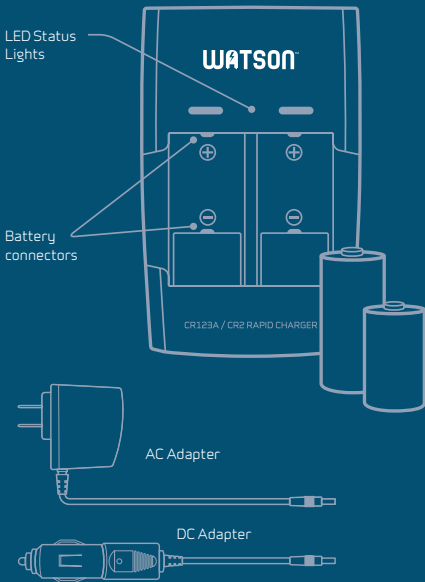
If the LED lights do not turn on, make sure that you have inserted the correct type of batteries, and that they are facing the proper direction.

CHARGING TIME*:

(AC or DC adapter)

Battery	Number	Approx. Charging Time*
CR123A	1 or 2	2.4 hours
CR2	1 or 2	1.6 hours

*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).



IMPORTANT SAFETY INSTRUCTIONS:

PLEASE READ THESE OPERATING INSTRUCTIONS BEFORE USING YOUR CHARGER.

- Only charge rechargeable CR123A or CR2 3 Volt Lithium-ion batteries. Do not charge Alkaline, Ni-MH, Ni-Cd, Carbon Zinc, or any other voltage, type, or size battery. Charging the wrong type of batteries may cause an explosion, rupture, or leakage, resulting in personal injury and property damage.
- Unplug the charger from the outlet before cleaning. Do not use a liquid cleaner to clean the device.
- It is normal for batteries to become warm while they are recharging. The batteries will cool to room temperature after charging is complete.
- This charger is not ideal for charging 3.7 V batteries.

WARNING:

CAUTION! TO REDUCE THE RISK OF DAMAGE:

- Do not expose the batteries to water or liquids.
- Do not heat or dispose the batteries or charger in fire.
- Do not tear off the label or disassemble.
- The battery charger is for indoor use only.
- Do not expose to moisture.

*Insert batteries correctly,
making certain to align the "+"
and "-" terminals.*

SPECIFICATIONS:

Input Voltage	100-240V AC, 50/60 Hz 12V DC
Output	3.7V DC, 300 mA per channel
Operating Temp.	32-113°F (0-45°C)
Dimensions	2.125 x 3.375 x 0.875 54 x 86 x 22 mm

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.

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.



Product warranty provided by the Gradus Group.

www.gradusgroup.com

WATSON is a registered trademark of the Gradus Group.

© 2014 Gradus Group LLC. All Rights Reserved.



WATSON™

www.poweredbywatson.com