

## XTAR BC8

# XTAR BC8 Smart AA AAA Household Battery Charger Instruction Manual

Model: BC8 | Brand: XTAR

### INTRODUCTION

The XTAR BC8 is an intelligent 8-bay battery charger designed for both 1.5V Lithium rechargeable batteries (AA/AAA) and 1.2V Ni-Mh/Ni-Cd rechargeable batteries (AA/AAA). This charger allows you to charge any number of batteries from 1 to 8 simultaneously. Please note: It is not possible to mix 1.5V lithium batteries and 1.2V Ni-Mh batteries in the same charging session.

### PRODUCT FEATURES

- **Smart Household Battery Charger:** Supports both 1.5V Lithium rechargeable batteries and 1.2V Ni-Mh/Ni-Cd rechargeable batteries (AA/AAA). Charges 1 to 8 batteries.
- **Fast Rechargeable Battery Charger:** Features Quick Charging 3.0 for maximum power input. Fully charges XTAR 1.5V AA lithium batteries in 2.5 hours and AAA lithium batteries in 1.5 hours.
- **Convenient and Intelligent:** Universal Type-C input allows the charger to be powered anywhere. Precise indicators show red for charging and green for fully charged, with automatic cut-off to prevent overcharging.
- **Multiple Protections:** Includes safeguards against over-current, over-voltage, over-charge, over-heat, and short circuits. Features XTAR's "0 volt activation" technology to revive deeply discharged batteries.

### PACKAGE CONTENTS

- XTAR BC8 Fastest Rechargeable Battery Charger
- Type-C to USB Cable
- User Manual



Image: XTAR BC8 charger, Type-C cable, and user manual included in the package.

## SETUP

1. Connect the provided Type-C to USB cable to the charger's Type-C input port.
2. Connect the other end of the USB cable to a compatible power source (e.g., QC3.0 adapter, computer USB port, power bank).
3. The charger's indicator lights will illuminate, indicating it is ready for use.



Image: Close-up of the XTAR BC8 charger showing the Type-C input port.

## OPERATING INSTRUCTIONS

1. **Insert Batteries:** Carefully insert AA or AAA rechargeable batteries into the charging bays. Ensure correct polarity (+ and - ends match the markings on the charger). The charger supports 1 to 8 batteries.
2. **Automatic Detection:** The charger will automatically detect the battery type (1.5V Lithium or 1.2V Ni-Mh/Ni-Cd) and begin charging.
3. **Charging Indication:** A red indicator light above each bay signifies that the battery is currently charging.
4. **Full Charge Indication:** The indicator light will turn green when the battery is fully charged. The charger will automatically stop charging to prevent overcharging.
5. **Battery Removal:** Once fully charged, remove the batteries from the charger.

**Important Note: Do not mix 1.5V lithium batteries and 1.2V Ni-Mh/Ni-Cd batteries in the charger simultaneously. Charge them separately.**

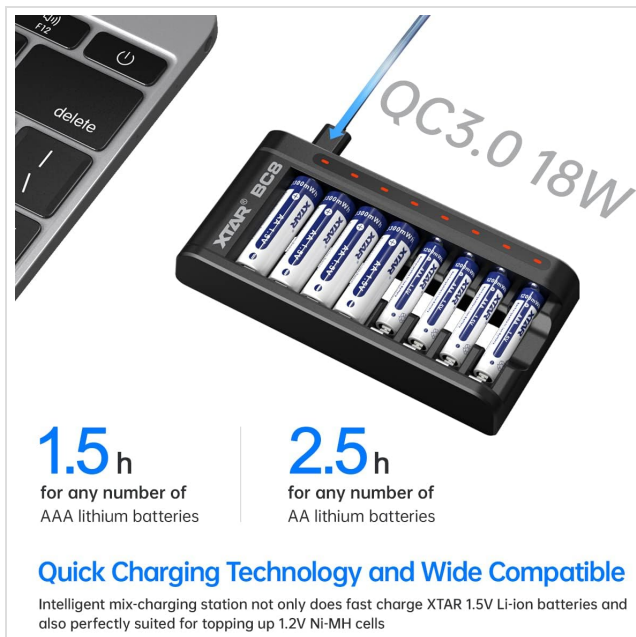


Image: The XTAR BC8 charger with various AA and AAA batteries inserted, demonstrating its mixed charging capability for compatible types.



Image: Diagram showing the charging indicator lights (red for charging, green for charged/power on) and battery slot types (AA/AAA).

## COMPATIBLE BATTERIES

The XTAR BC8 charger is compatible with the following battery types and sizes:

- **1.5V Lithium Rechargeable Batteries:** AA, AAA
- **1.2V Ni-Mh/Ni-Cd Rechargeable Batteries:** AA, AAA

**Caution: Do not attempt to charge non-rechargeable batteries or incompatible battery types. This may cause damage to the batteries or the charger.**

## Safety Features and Protections

The XTAR BC8 charger incorporates multiple safety features to ensure safe and reliable charging:

- **Over-Current Protection:** Prevents excessive current flow during charging.
- **Over-Voltage Protection:** Safeguards against charging at dangerously high voltages.
- **Short-Circuit Protection:** Automatically cuts off power in case of a short circuit.
- **Over-Charge Protection:** Terminates charging once batteries reach full capacity to prevent damage.
- **Over-Load Protection:** Protects the charger from excessive load.
- **Temperature Protection:** Monitors internal temperature to prevent overheating.
- **0 Volt Activation:** Can revive deeply discharged batteries.

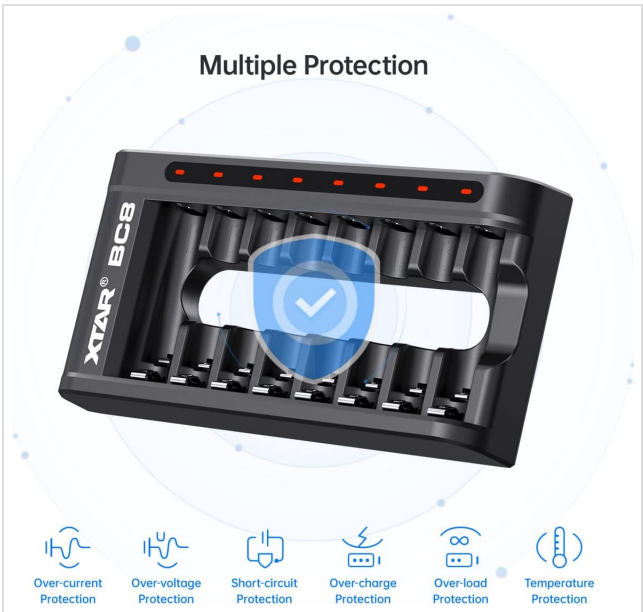


Image: Visual representation of the XTAR BC8's multiple protection features, including over-current, over-voltage, short-circuit, over-charge, over-load, and temperature protection.

## Specifications

Feature	Detail
Model	BC8
Input	QC3.0 18W Type-C
Constant Charging Current	0.5A*8
Charging Cut-off Current	≤100mA
Working Temperature	0°C~+40°C
Weight	118g (approx. 4.16 oz)
Dimensions (L*W*H)	153*76.5*27.6mm (approx. 6*3*1.1 inches)

Compatible Batteries	XTAR 1.5V Lithium Batteries & All 1.2V NiMH AA/AAA Batteries
Output Voltage	18 Volts (DC)
Input Voltage	240 Volts
Charging Time (1.5V Lithium AA)	2.5 Hours
Charging Time (1.5V Lithium AAA)	1.5 Hours

## MAINTENANCE

- Keep the charger clean and dry. Avoid exposure to moisture or extreme temperatures.
- Do not disassemble the charger. Refer to qualified personnel for any repairs.
- Store the charger and batteries in a cool, dry place when not in use.

## TROUBLESHOOTING

- **Charger not powering on:** Ensure the Type-C cable is securely connected to both the charger and a working power source. Try a different cable or power adapter.
- **Battery not charging (red light not on):**
  - Check if the battery is inserted with correct polarity.
  - Ensure the battery is a compatible rechargeable type (1.5V Lithium or 1.2V Ni-Mh/Ni-Cd).
  - The battery might be deeply discharged; the "0 volt activation" feature should attempt to revive it.
  - Clean the battery contacts and charger contacts if dirty.
- **Battery not fully charging (light stays red):** The battery might be faulty or at the end of its lifespan. Try charging a different battery.
- **Overheating:** If the charger or batteries become excessively hot, disconnect the power immediately. Ensure proper ventilation and avoid charging in direct sunlight or confined spaces.

## PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Video: An official overview of the XTAR BC8 charger, demonstrating its features and compatibility with 1.5V Li-ion and 1.2V Ni-MH batteries.

## WARRANTY AND SUPPORT

The XTAR BC8 charger comes with a 30-day money-back guarantee and 24-month friendly customer service. If you encounter any issues, please contact XTAR customer support for assistance. They aim to resolve issues within 24 hours.

For further support, visit the official XTAR website or refer to the contact information provided in your package.