

## XTAR BC8

# XTAR BC8 Battery Charger User Manual

Model: BC8

Brand: XTAR

## 1. INTRODUCTION

The XTAR BC8 is an advanced 8-slot battery charger designed for both 1.5V Li-ion and 1.2V Ni-MH AA/AAA rechargeable batteries. This charger provides a versatile and efficient solution for powering various electronic devices, supporting environmental sustainability through the use of rechargeable cells. It allows for simultaneous charging of different battery types and sizes.

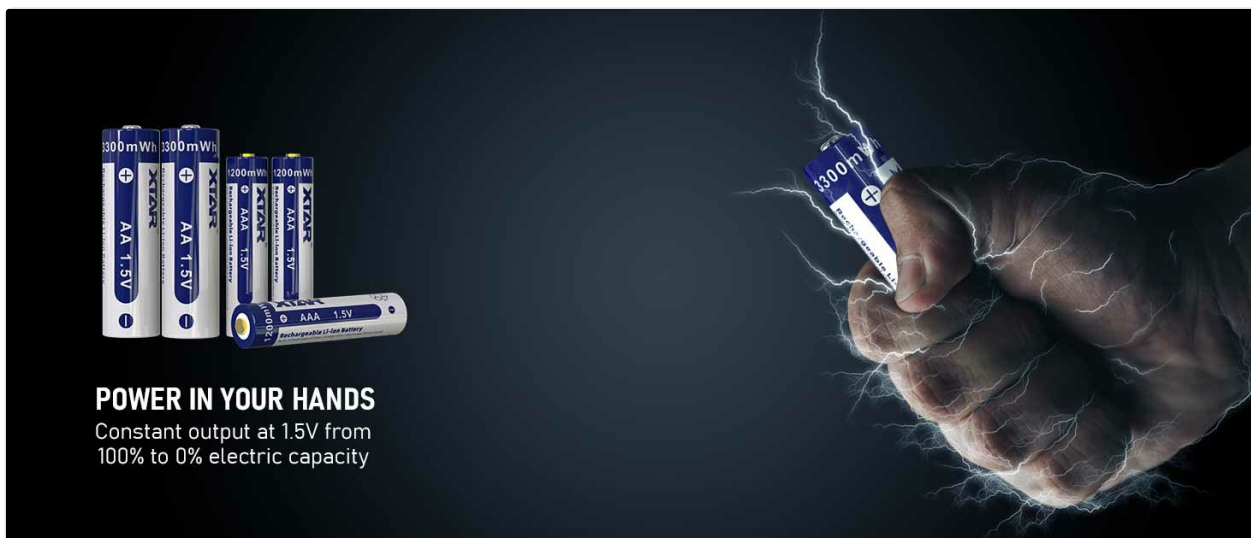


Image: The XTAR BC8 charger with multiple batteries inserted, illustrating its 8-slot capacity and mixed-charging capability.

## 2. PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- 1 x XTAR BC8 Battery Charger
- 8 x XTAR 1.5V AA 3300mWh Rechargeable Li-ion Batteries
- 2 x Battery Storage Cases
- 1 x USB-C Cable

- 1 x User Manual (this document)



Image: A visual representation of all items included in the XTAR BC8 Battery Charger package.

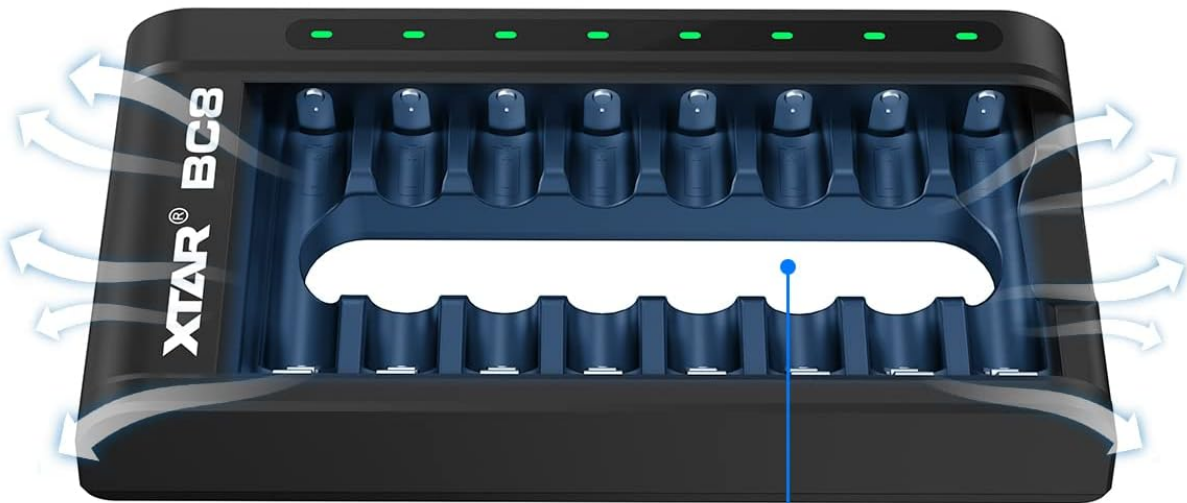
### 3. SAFETY INSTRUCTIONS

To ensure safe operation and prolong the life of your charger and batteries, please adhere to the following safety guidelines:

- Use only compatible batteries (1.5V Li-ion and 1.2V Ni-MH AA/AAA).
- Do not attempt to charge non-rechargeable batteries.
- Ensure correct battery polarity (+/-) when inserting batteries into the charger slots.
- Avoid exposing the charger to water, high humidity, or extreme temperatures.
- Do not disassemble or modify the charger.
- Keep the charger away from children and pets.
- Unplug the charger from the power source when not in use or during cleaning.
- The charger features built-in protections against over-voltage, over-current, short-circuit, and over-charge to ensure safety during operation.

## Multi Safer Assurance Hollow Out Design

It's not only easy to take-and-place, but also contribute to heat dissipation and safety using.



Good Heat Dissipation



Over-current  
Protection



Over-voltage  
Protection



Short-circuit  
Protection



Over-charge  
Protection



Over-load  
Protection



Temperature  
Protection

Image: Diagram illustrating the XTAR BC8's multiple safety protections and hollowed-out design for effective heat dissipation.

## 4. SETUP

Follow these steps to set up your XTAR BC8 Battery Charger:

1. Unpack the XTAR BC8 charger and all accessories.
2. Connect the provided USB-C cable to the input port on the charger.
3. Plug the other end of the USB-C cable into a compatible power adapter (QC3.0 18W recommended for optimal performance, not included).
4. The charger is now ready for use.

## 5. OPERATING INSTRUCTIONS

### 5.1 Inserting Batteries

The XTAR BC8 features 8 independent charging slots compatible with both AA and AAA size batteries. Each slot can accommodate either a 1.5V Li-ion or a 1.2V Ni-MH battery.

- Carefully insert batteries into the charging slots, ensuring the positive (+) and negative (-) terminals align correctly with the markings on the charger.

- The charger supports mixed charging, allowing you to charge different types and sizes of compatible batteries simultaneously.

## 5.2 Charging Process and Indicators

Once batteries are correctly inserted and the charger is powered, the charging process will begin automatically.

- Each charging slot has an individual indicator light.
- A **red light** indicates that the battery in that slot is currently charging.
- A **green light** indicates that the battery in that slot is fully charged.
- Charging time for a full top-up is approximately 1.5 hours for 1.5V AA 3300mWh batteries, with all 8 slots charging in under 2 hours.

### The First Intelligent Mix-Charging

Top up at double the rate, supports Mix-Charging and powered by a QC3.0 adapter, which can also charge both of 1.2V Ni-MH and XTAR 1.5V lithium batteries simultaneously.



Image: The XTAR BC8 charger demonstrating its intelligent mix-charging capability, with various batteries inserted and indicator lights showing charging status.



Image: Illustration highlighting the fast charging capability of 500mA per slot on the XTAR BC8 charger.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your XTAR BC8 charger and batteries:

- **Cleaning:** Use a soft, dry cloth to clean the charger. Do not use abrasive cleaners or solvents.
- **Storage:** Store the charger and batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging Li-ion batteries frequently. Store batteries in the provided cases when not in use.



Image: Visual representation of the XTAR BC8's design for improved heat dissipation, crucial for charger longevity.

## 7. TROUBLESHOOTING

If you encounter issues with your XTAR BC8 charger, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Battery not charging (no indicator light or red light doesn't appear)	<ul style="list-style-type: none"><li>• Incorrect battery insertion</li><li>• Incompatible battery type</li><li>• Faulty USB-C cable or power adapter</li><li>• Battery is already fully charged</li></ul>	<ul style="list-style-type: none"><li>• Re-insert battery, ensuring correct polarity.</li><li>• Verify battery type is 1.5V Li-ion or 1.2V Ni-MH.</li><li>• Try a different USB-C cable or power adapter.</li><li>• Check if the indicator light is already green.</li></ul>
Slow charging speed	<ul style="list-style-type: none"><li>• Low power output from adapter</li><li>• Using a non-QC3.0 adapter</li></ul>	<ul style="list-style-type: none"><li>• Ensure you are using a QC3.0 18W power adapter.</li><li>• Try a different, higher-power USB adapter.</li></ul>
Charger gets warm during operation	Normal operation, especially when charging multiple batteries.	Ensure adequate ventilation around the charger. If it becomes excessively hot, discontinue use and contact support.

8. SPECIFICATIONS

Input	QC3.0 18W Type-C
Constant Charging Current	0.5A x 8 slots
Working Temperature	0°C ~ 40°C (32°F ~ 104°F)
Cut-off Voltage	≤ 100mA
Weight	118g (approximately 4.16 ounces)
Dimensions (L x W x H)	153mm x 76.5mm x 27.6mm (approximately 6 x 3 x 1.1 inches)
Compatible Batteries	XTAR 1.5V Li-ion AA/AAA Batteries & All 1.2V Ni-MH AA/AAA Batteries








Image: A detailed table summarizing the technical specifications of the XTAR BC8 charger.

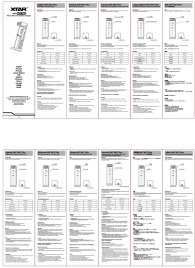
9. WARRANTY AND SUPPORT

For warranty information, technical support, or further inquiries, please refer to the official XTAR website or contact their customer service directly. Details are typically provided on the product packaging or the manufacturer's official online resources.

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Related Documents - BC8

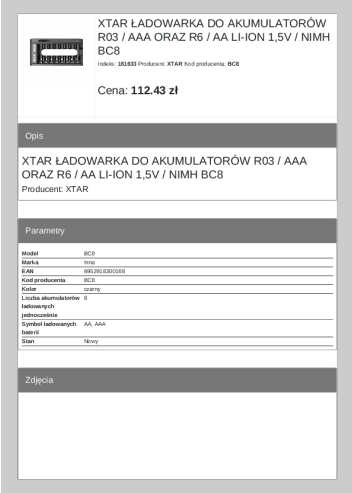
	<p><a href="#">XTAR C4-EVO Battery Charger User Guide</a></p> <p>Comprehensive user guide for the XTAR C4-EVO battery charger, detailing its features, operation, and specifications for various battery types.</p>
	<p><a href="#">XTAR BC4 Type-C Battery Charger User Manual</a></p> <p>Comprehensive user guide for the XTAR BC4 Type-C battery charger, covering its features, specifications, operation for 1.5V Li-ion and 1.2V Ni-MH batteries, LED indicators, warranty information, and important safety warnings.</p>
	<p><a href="#">XTAR SC1 Plus Battery Charger: Speedy Li-ion &amp; Ni-MH Charging and Power Bank Functionality</a></p> <p>The XTAR SC1 Plus is a versatile and speedy charger for Li-ion and Ni-MH batteries, also serving as a portable power bank. Featuring Type-C input, it supports various battery sizes including protected 26800 cells, and offers LED indicators for status, a 12-month warranty, and anti-fake verification.</p>
	<p><a href="#">Xtar VC2 USB Battery Charger Review: Features, Performance, and Specifications</a></p> <p>A comprehensive review of the Xtar VC2 dual-channel USB battery charger, detailing its features, supported battery types, charging performance, and technical specifications.</p>
	<p><a href="#">XTAR PB2S Portable Power Bank Charger - User Manual</a></p> <p>Comprehensive user manual for the XTAR PB2S Portable Power Bank Charger, detailing its features, specifications, operation, warranty, and safety guidelines. Supports QC3.0 and PD3.0 charging.</p>



### XTAR ANT MC1 Plus USB Battery Charger User Manual

Comprehensive user guide for the XTAR ANT MC1 Plus, a simple and smart USB battery charger. Learn about its features, specifications, operation, and safety guidelines for various lithium-ion and LiFePO4 batteries.

Documents - XTAR – BC8



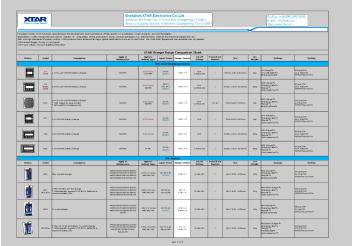
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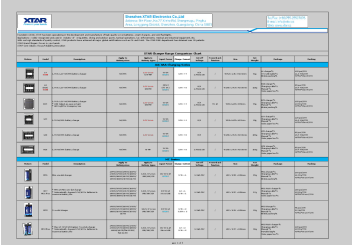


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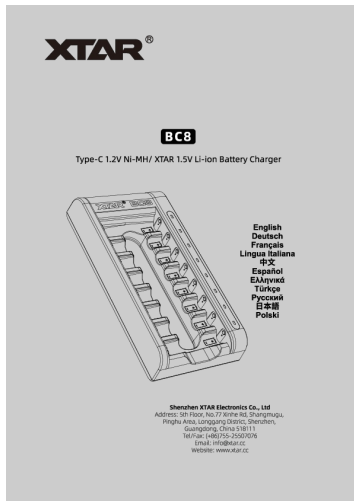
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Founded in 2006, XTAR has been specializing in the development and manufacture of high quality Li-ion batteries, smart chargers, and LED flashlights. Applications: widely recognized and used in industry of e-cigarette, diving and outdoor sp

Founded in 2006, XTAR has been specializing in the development and manufacture of high quality Li-io ... N/A 1.450.10V L4 charger\*1 / W76.5x L76x H27.6mm 51g A-C USB Cable\*1 Blister packing\*1 L8 **BC8** NEW 1.5V 1.2V AA/AAA battery charger AA/AAA 1.5V Li-ion Ni-MH QC3.0 5V 3A USB-C 0.5A...

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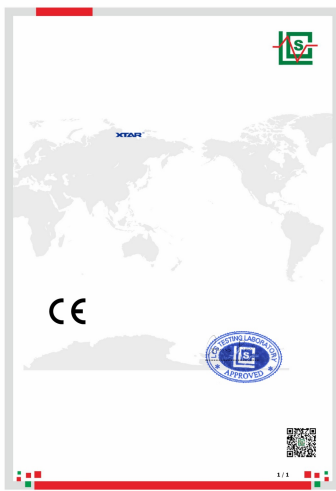
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BC8 User Manual 2023 V6 cdr user bto pl 10495 Instrukcja obsługi Ładowarka XTAR AA AAA 1 5V Sklep

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[\[pdf\]](#) Documentation Declaration of Conformity

Hank Yan Certyfikat zgodności CE z dyrektywą elektromagnetyczną EMC Zestaw XTAR Ładowarka L8

AA AAA 1 5V Li ION Akumulatory 14500 2000mAh BOX4 i 10440 750mAh Sklep bto pl 11211 ||| |||

Attestation of Compliance Reference No. : LCSA09153052E Applicant : Shenzhen XTAR Electronics Co.,

Ltd Address Trade Mark : 5th Floor, No.77 Xinhe Rd, Shangmugu, Pinghu Area, Longgang District,

Shenzhen, Guangdong, China : Product : Type-C

Attestation of Compliance Reference No. : LCSA09153052E Applicant : Shenzhen

XTAR Electronics Co. ... enzhnen, Guangdong, China : Product : Type-C 1.2V Ni-MH/

1.5V Li-ion Battery Charger Model : L8, **BC8** Tested according to : EN IEC 55014-

1:2021 EN IEC 55014-2:2021 EN IEC 61000-3-2:2019/A1:2021 EN...

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[\[pdf\]](#) Decleration of Conformity

Windows Certyfikat Komisji Łączności FCC Zestaw XTAR Ładowarka L8 AA AAA 1 5V Li ION

Akumulatory 14500 2000mAh BOX4 i 10440 750mAh Sklep bto pl 11211 ||| ||| Attestation of Conformity

Reference No. : LCSA09153053E Applicant : Shenzhen XTAR Electronics Co., Ltd Address : 5th Floor,

No.77 Xinhe Rd, Shangmugu, Pinghu Area, Longgang District, Shenzhen, Guangdong, China Trade

Mark : Product : Type-C

Attestation of Conformity Reference No. : LCSA09153053E Applicant : Shenzhen

XTAR Electronics Co. ... dong, China Trade Mark : Product : Type-C 1.2V Ni-MH/

1.5V Li-ion Battery Charger Model : L8, **BC8** Standard : FCC 47 CFR Part 15 Subpart

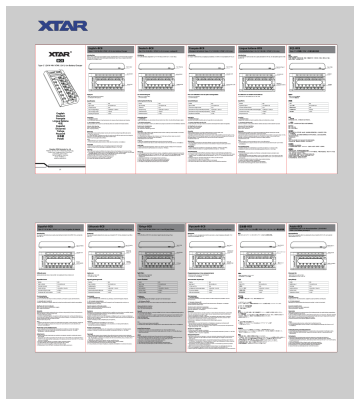
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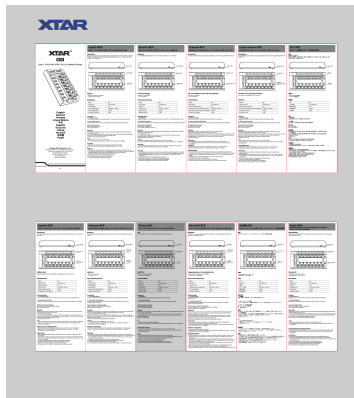
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Windows Dyrektywa ilości substancji niebezpiecznych ROHS Zestaw XTAR Ładowarka L8 AA AAA 1 5V Li ION Akumulatory 14500 2000mAh BOX4 i 10440 750mAh Sklep bto pl 11211 ||| ||| Attestation of Compliance Reference No. : LCSA09153054R Applicant : Shenzhen XTAR Electronics Co., Ltd Address : 5th Floor, No.77 Xinhe Rd, Shangmugu, Pinghu Area, Longgang District, Shenzhen, Guangdong, China Sample Name s : Type-C 1.2V Ni Attestation of Compliance Reference No. : LCSA09153054R Applicant : Shenzhen XTAR Electronics Co. ... na Sample Name s : Type-C 1.2V Ni-MH/ 1.5V Li-ion Battery Charger Trade Mark : Part No. : L8, **BC8** Tested according to : IEC 62321-1:2013, IEC 62321-2:2021, IEC 62321-3-1:2013, IEC 62321-5:2013... lang:en score:20 filesize: 325.02 K page\_count: 1 document date: 2023-09-26



[\[pdf\]](#) User Manual Warranty

WS00M077 BC8 V1 20210929 BC8 manual XTAR 20 mag 2024 — Warranty Please take the product with warranty number and receipt to local dealer get after sales service 15 days free replacement tme eu Document 20ea2cf8a0a4f77c633a2488712dd263 ||| ... lang:en score:18 filesize: 5.54 M page\_count: 1 document date: 2022-05-19



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