

UGREEN CD294

UGREEN 45W USB C Charger Nexode CD294 Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your UGREEN 45W USB C Charger Nexode CD294. This compact dual-port GaN charger is designed to provide fast and reliable power to a wide range of compatible devices.



Figure 1: UGREEN 45W USB C Charger Nexode CD294

2. PRODUCT FEATURES

- **45W Max Single Port Charging:** Supports Samsung Super Fast Charging 2.0, capable of charging compatible Samsung Galaxy devices from 0% to 100% within an hour with a 5A cable. Also charges MacBook Air M2 2022 from 0% to 72% within an hour when using a single port.
- **Dual Port Simultaneous Charge:** Allows for fast and simultaneous charging of two devices, such as an iPhone and iPad Air. Note: Does not support AirPods Pro 2.

- **Wide Device Compatibility:** This 45W dual USB C charger is compatible with various devices including MacBook Air, iPad Pro, iPhone 8-17 Series, Samsung S10-S25 Series, Steam Deck, Apple Watch Ultra/Watch 8, Pixel 10 Pro, HomePod, and more.
- **Next-Generation Safety:** Features UGREEN's Power Dispenser System, which intelligently adjusts power output to protect device batteries. Multiple safety systems prevent overheating, overcharging, and overvoltage.
- **Compact and Portable Design:** Small and lightweight, comparable in size to an iPhone camera. Features a foldable plug for easy portability, making it ideal for travel. Supports a standard voltage range of 100 to 240V.



Figure 2: Foldable design for enhanced portability.

Thermal Guard™ Safety System



Figure 3: Thermal Guard™ Safety System for device protection.

3. SETUP

The UGREEN 45W USB C Charger is designed for simple plug-and-play operation.

1. Unfold the AC prongs from the charger body.
2. Insert the charger into a standard wall outlet (100-240V).
3. Connect your device(s) to the USB-C ports using appropriate charging cables.

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Video 1: Showcasing UGREEN 45W USB C GaN Charger. This video demonstrates the physical appearance and basic connection of the charger.

4. OPERATING INSTRUCTIONS

Once connected, the charger will automatically detect your device and begin charging. The intelligent Power Dispenser System optimizes power delivery.

- **Single Device Charging:** When only one device is connected to either USB-C port, the charger can deliver up to 45W, enabling Super Fast Charging 2.0 for compatible devices.
- **Dual Device Charging:** When two devices are connected simultaneously, the charger intelligently distributes the 45W total output between the two ports (e.g., 25W + 20W). This ensures both devices receive optimized charging without compromising safety.
- **Cable Requirement:** For 45W Super Fast Charging 2.0, a 5A charging cable is required. Ensure your cables are compatible with the desired charging speeds.

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Video 2: Overview & Testing Ugreen 2pk USB-C Cables & Charger. This video demonstrates the charger in action with multiple devices.

5. MAINTENANCE

- Keep the charger in a dry environment.
- Avoid exposing the charger to extreme temperatures or direct sunlight.
- Clean the charger with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure the prongs are fully extended or folded when in use or stored to prevent damage.

6. TROUBLESHOOTING

- **Device not charging:** Ensure the charger is securely plugged into a working wall outlet. Verify that the charging cable is properly connected to both the charger and your device. Try a different cable or device to isolate the issue.
- **Slow charging:** Check if your device supports fast charging and if you are using a compatible cable (e.g., 5A cable for Super Fast Charging 2.0). If multiple devices are connected, the power output is distributed, which may result in slower charging for individual devices compared to single-port use.
- **Charger overheating:** The charger features multiple safety systems to prevent overheating. If the charger feels excessively hot, disconnect it immediately and allow it to cool down. Ensure adequate ventilation around the charger during use.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	1.57 x 1.57 x 1.93 inches

Item Weight	3.46 ounces
Item Model Number	CD294
Connectivity Technologies	USB
Special Features	Compact and foldable, Fast Charging, Short Circuit Protection, Support 45W PPS Samsung Super Fast Charger 2.0
Color	Black
Input Voltage	110 Volts (compatible with 100-240V)
Amperage	3 Amps
Total USB Ports	2 (USB Type C)
Compatible Devices	Earbuds, Laptops, Nintendo Switch, Smartphone, Steam Deck, Tablets

8. WARRANTY AND SUPPORT

UGREEN products typically come with a manufacturer's warranty. Please refer to the packaging or the official UGREEN website for specific warranty terms and conditions. For technical support or customer service, please contact UGREEN directly through their official support channels.