UGREEN CD328

UGREEN Nexode 100W GAN USB-C Charger Instruction Manual

Model: CD328

1. Introduction

Thank you for choosing the UGREEN Nexode 100W GAN USB-C Charger. This high-performance charger utilizes advanced GaN (Gallium Nitride) technology to deliver efficient and powerful charging for a wide range of devices, including laptops, smartphones, and tablets. Its compact design and multiple ports make it an ideal solution for simplifying your charging setup.



Image: The UGREEN Nexode 100W GAN USB-C Charger, showcasing its compact design and the attached power cable.

Key Features:

- **100W Power Delivery:** Capable of delivering up to 100W from a single USB-C port, ideal for charging power-hungry devices like laptops.
- **GaN II Technology:** Utilizes advanced GaN technology for a smaller, more efficient, and cooler charging experience.
- **Multi-Port Design:** Equipped with three USB-C ports and one USB-A port to charge up to four devices simultaneously.
- **Universal Compatibility:** Supports various fast charging protocols for a wide range of devices, including Apple, Samsung, Xiaomi, Google, and more.
- **Multi-Protection System:** Built-in safeguards against overvoltage, overcurrent, short circuit, and overheating.



Image: A diagram highlighting the benefits of GaN II Technology, including energy saving, efficient heat dissipation, and a 95% power conversion rate.

2. Package Contents

Please check the package for the following items:

- 1 x UGREEN Nexode 100W Charging Station
- 1 x Power Cable
- 1 x User Manual

3. Specifications

Feature	Description
Brand	UGREEN
Model	CD328
Part Number	90736
Wattage	100 watts (Max)
Input	AC 100-240V, 50/60Hz
Output Ports	3 x USB-C, 1 x USB-A
USB-C1/C2 Output	Up to 100W Max (single port)
USB-C3 Output	Up to 22.5W Max
USB-A Output	Up to 22.5W Max
Dimensions	8.4 x 8.6 x 2.8 cm
Weight	277.83 g
Special Features	Fast Charging, GaN Technology, Multi-Protection



Image: A visual representation of the maximum power output for each port: USB-C1/C2 at 100W, USB-C3 at 22.5W, and USB-A at 22.5W.

Compatible Devices:

The UGREEN Nexode 100W charger is compatible with a wide range of devices, including but not limited to:

- **Laptops:** MacBook Pro/Air, Surface series, and other USB-C enabled laptops.
- **Tablets:** iPad Pro/Air/Mini, and other USB-C enabled tablets.
- **Smartphones:** Apple iPhone (XR, XS, 13, 14, 15 series), Samsung Galaxy (S6, S23, S24 series), Xiaomi, Google Pixel, and other USB-C/USB-A compatible phones.
- **Other Devices:** AirPods, MagSafe chargers, Nintendo Switch, and more.



Image: A compatibility chart illustrating the wide range of devices supported, including various smartphone brands, laptops, and accessories.

4. Setup

1. **Unpack:** Carefully remove the UGREEN Nexode 100W charger and its accessories from the packaging.
2. **Connect Power:** Connect the provided power cable to the charger's AC input port.
3. **Plug In:** Insert the power cable's plug into a standard wall outlet (AC 100-240V).
4. **Ready for Use:** The charger is now ready to power your devices.

5. Operating Instructions

The UGREEN Nexode 100W charger is designed for intelligent power distribution across its ports. When multiple devices are connected, the charger dynamically adjusts the power output to each port to optimize charging speed.

1. **Single Device Charging:** For maximum charging speed (up to 100W), connect your device to either the USB-C1 or USB-C2 port.
2. **Multiple Device Charging:** Connect your devices to any available USB-C or USB-A port. The charger will automatically detect the connected devices and distribute power accordingly.
3. **Optimal Performance:** For best results, use high-quality charging cables that support the required power delivery for your devices.



Image: A user demonstrating simultaneous charging of a laptop, smartphone, and wireless earbuds using the UGREEN Nexode charger.

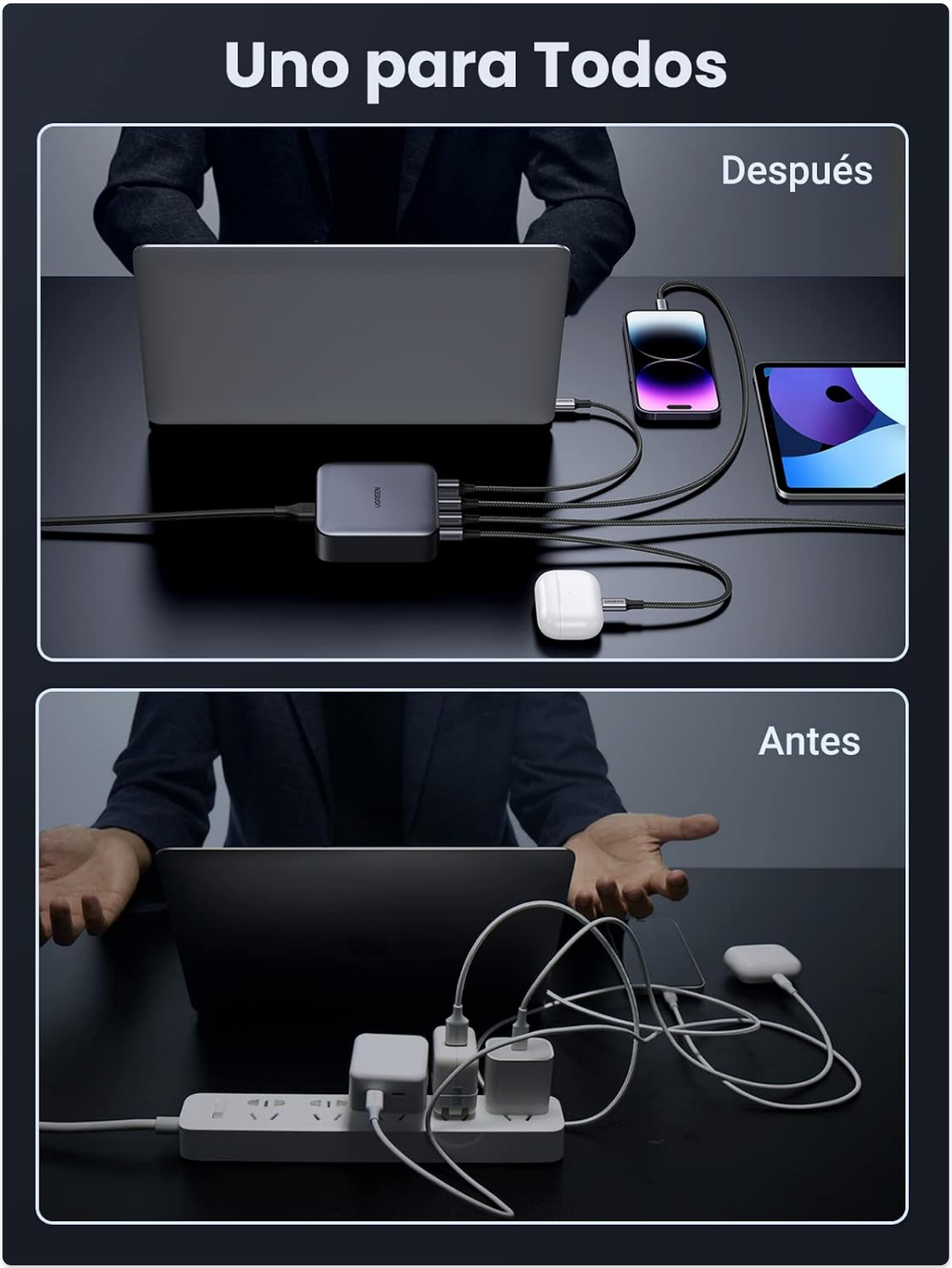


Image: A visual comparison showing how the UGREEN Nexode charger helps reduce cable clutter, transforming a messy setup into a clean one.

6. Safety Information

The UGREEN Nexode 100W charger is equipped with multiple safety features to protect your devices and ensure safe operation:

- **Overvoltage Protection:** Prevents damage from excessive voltage input.
- **Overcurrent Protection:** Safeguards against excessive current output.
- **Short Circuit Protection:** Automatically cuts off power in case of a short circuit.
- **Overheating Protection:** Monitors temperature and prevents overheating during operation.

To ensure optimal safety and performance:

- Do not expose the charger to water or extreme temperatures.
- Do not disassemble or attempt to repair the charger.
- Keep out of reach of children.
- Use only the provided power cable and compatible charging cables.



Image: A graphic illustrating the multi-protection features of the charger, including safeguards against overvoltage, overcurrent, short circuit, and overheating.

7. Maintenance

To maintain the longevity and performance of your UGREEN Nexode 100W charger:

- **Cleaning:** Disconnect the charger from the power outlet and all devices before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or aerosols.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the charger to strong impacts.

8. Troubleshooting

If you encounter any issues with your UGREEN Nexode 100W charger, please refer to the following common problems and solutions:

Problem	Possible Solution
Device not charging.	◦ Ensure the charger is properly plugged into a live power outlet. ◦ Check if the charging cable is securely connected to both the charger and your device. ◦ Try a different charging cable to rule out cable issues. ◦ Test with a different device to confirm the charger is functioning.
Slow charging speed.	◦ Ensure your device and cable support fast charging protocols. ◦ If multiple devices are connected, the power output is distributed. Disconnect other devices to achieve maximum speed on a single port. ◦ Verify that the cable used is capable of handling the desired wattage (e.g., a 100W cable for 100W charging).
Charger gets warm during use.	It is normal for the charger to become warm during operation, especially under heavy load. The GaN technology helps manage heat efficiently. If it becomes excessively hot, disconnect it immediately and contact support.
Incompatibility with certain hubs/accessories.	Some devices or hubs may have specific power requirements or compatibility limitations. While the charger distributes power intelligently, connecting certain accessories (e.g., docking stations with multiple displays) might cause momentary interruptions during power redistribution. Ensure your accessories are fully compatible with the charger's power delivery specifications.

9. Warranty and Support

UGREEN products come with a standard warranty. Please refer to the warranty card included in your package or visit the official UGREEN website for detailed warranty terms and conditions.
For technical support, troubleshooting assistance, or any product-related inquiries, please contact UGREEN customer service through their official website or the contact information provided in your product packaging.
UGREEN Official Website: www.ugreen.com

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question