UGREEN X605

UGREEN Nexode 65W GaN USB C Retractable Charger User Manual

Model: X605

1. Introduction

Thank you for choosing the UGREEN Nexode 65W GaN USB C Retractable Charger. This compact and powerful wall adapter is designed to provide efficient and versatile charging for a wide range of devices, including laptops, smartphones, and tablets. Featuring GaN II technology and a convenient retractable cable system, it offers a clutter-free and reliable charging experience.



Image: The UGREEN Nexode 65W GaN USB C Retractable Charger, showcasing its compact design and the integrated USB-C cable.

2. Safety Information

Please read all safety instructions carefully before using this product. Failure to follow these instructions may result in electric shock, fire, or damage to the product or connected devices.

- Do not expose the charger to liquids, moisture, or extreme temperatures.
- Do not disassemble, modify, or attempt to repair the charger.
- Keep out of reach of children.
- Ensure the charger is plugged into a compatible power outlet (100-240V AC).
- Avoid using damaged cables or adapters.
- Unplug the charger during lightning storms or when unused for long periods.
- This charger is equipped with 8-safeguard protection, including over-voltage/current protection, temperature control, and short-circuit shield, exceeding UL 62368-1 standards.



Image: Visual representation of the charger's multi-layer protection system, including overvoltage, overcurrent, short-circuit, undervoltage, temperature, manual restart, and overpower protection.

3. Product Overview

The UGREEN Nexode 65W charger features a compact design with multiple charging ports and a unique retractable cable system.

Built-in Retractable USB-C Cable: Provides up to 60W charging. Features a pull-and-lock design for adjustable length (0-27 inches) and easy storage.

USB-C Port: Delivers up to 20W output for fast charging compatible devices.

USB-A Port: Provides up to 15W output, ideal for smaller accessories.

Foldable Plug: For easy portability and storage.

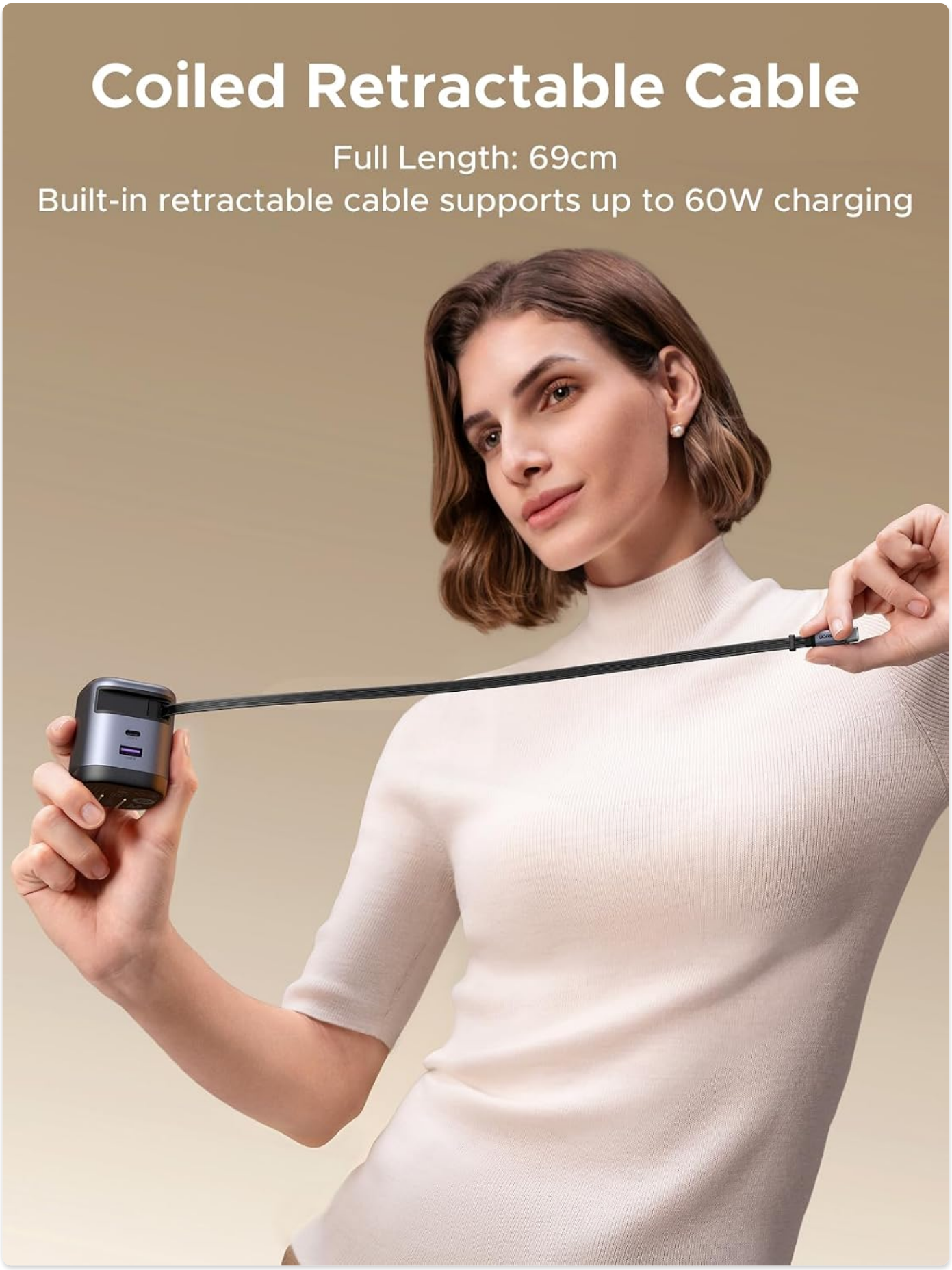


Image: A user demonstrating the retractable cable feature of the UGREEN charger, highlighting its full length of 69cm.

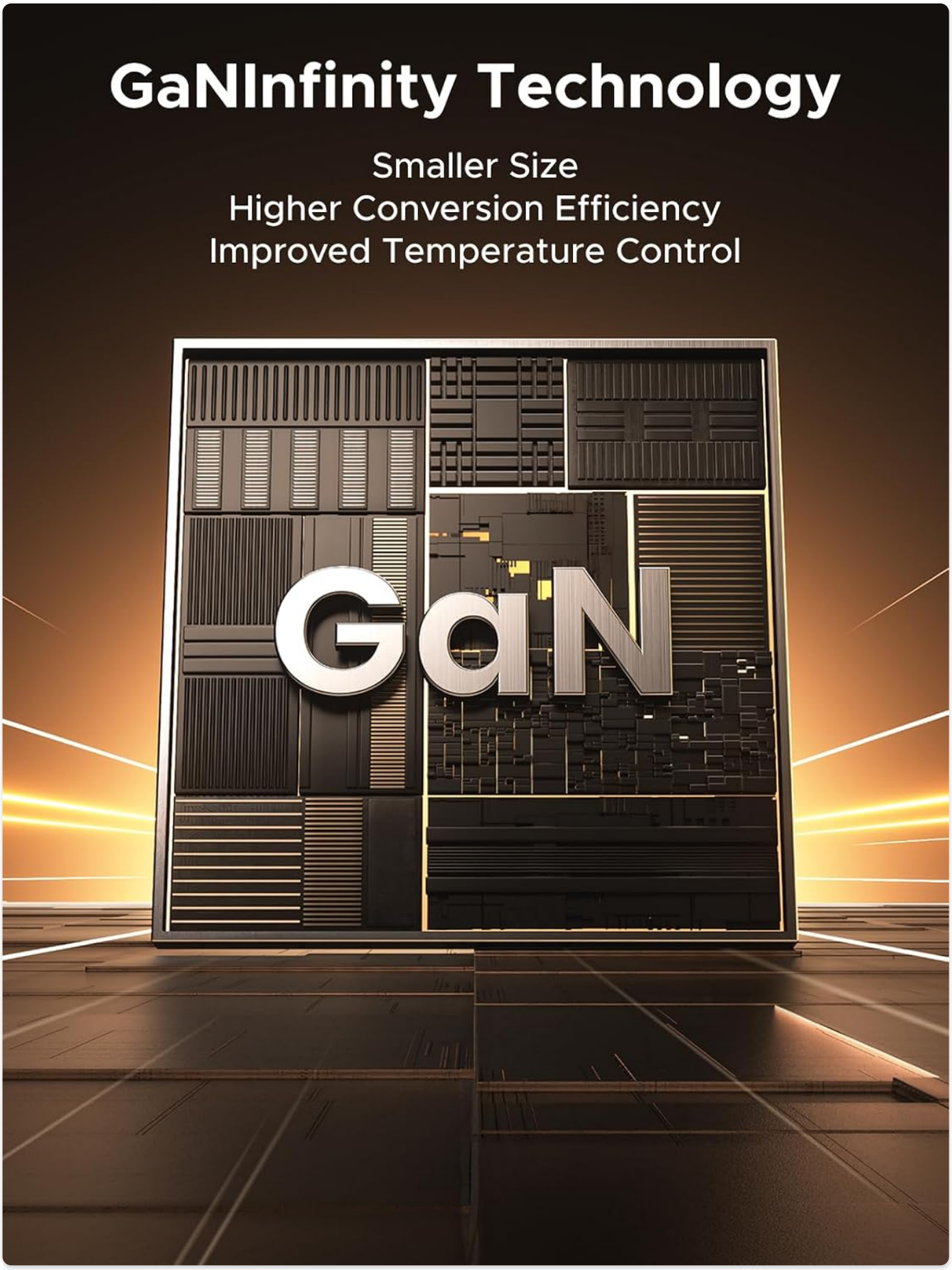


Image: An illustration of the GaNInfinity Technology chip, emphasizing its role in achieving smaller size, higher conversion efficiency, and improved temperature control.

4. Setup

1. **Unfold the Plug:** Gently unfold the AC prongs from the charger body.
2. **Plug into Outlet:** Insert the charger into a standard wall power outlet (100-240V).
3. **Extend Cable:** To extend the built-in USB-C cable, pull both ends simultaneously until it locks at the desired length. The cable can lock at various lengths up to 27 inches (69 cm).
4. **Retract Cable:** To retract the cable, pull both ends slightly again, and it will automatically retract into the charger body.

5. Operating Instructions

The UGREEN Nexode 65W charger can charge up to three devices simultaneously with intelligent power allocation.

5.1 Charging Devices

- **Using the Built-in USB-C Cable:** Connect the built-in USB-C cable to your compatible device (e.g., MacBook Pro/Air, iPad Pro/Air, iPhone 16/15/14 series, Galaxy S25/S24). This port provides up to 60W.
- **Using the USB-C Port:** Connect your device using an external USB-C to USB-C cable (not included) to the dedicated USB-C port. This port provides up to 20W.
- **Using the USB-A Port:** Connect your device using an external USB-A cable (not included) to the USB-A port. This port provides up to 15W.

Note: For full 65W single-port output, use an external cable with the dedicated USB-C port. The built-in cable supports up to 60W.



Image: The UGREEN 65W charger providing fast charging to a MacBook Air M3, illustrating its efficiency.

5.2 Simultaneous Charging

The charger intelligently distributes power when multiple devices are connected. An ideal combination is a MacBook (via built-in cable), an iPhone (via USB-C port), and AirPods (via USB-A port).

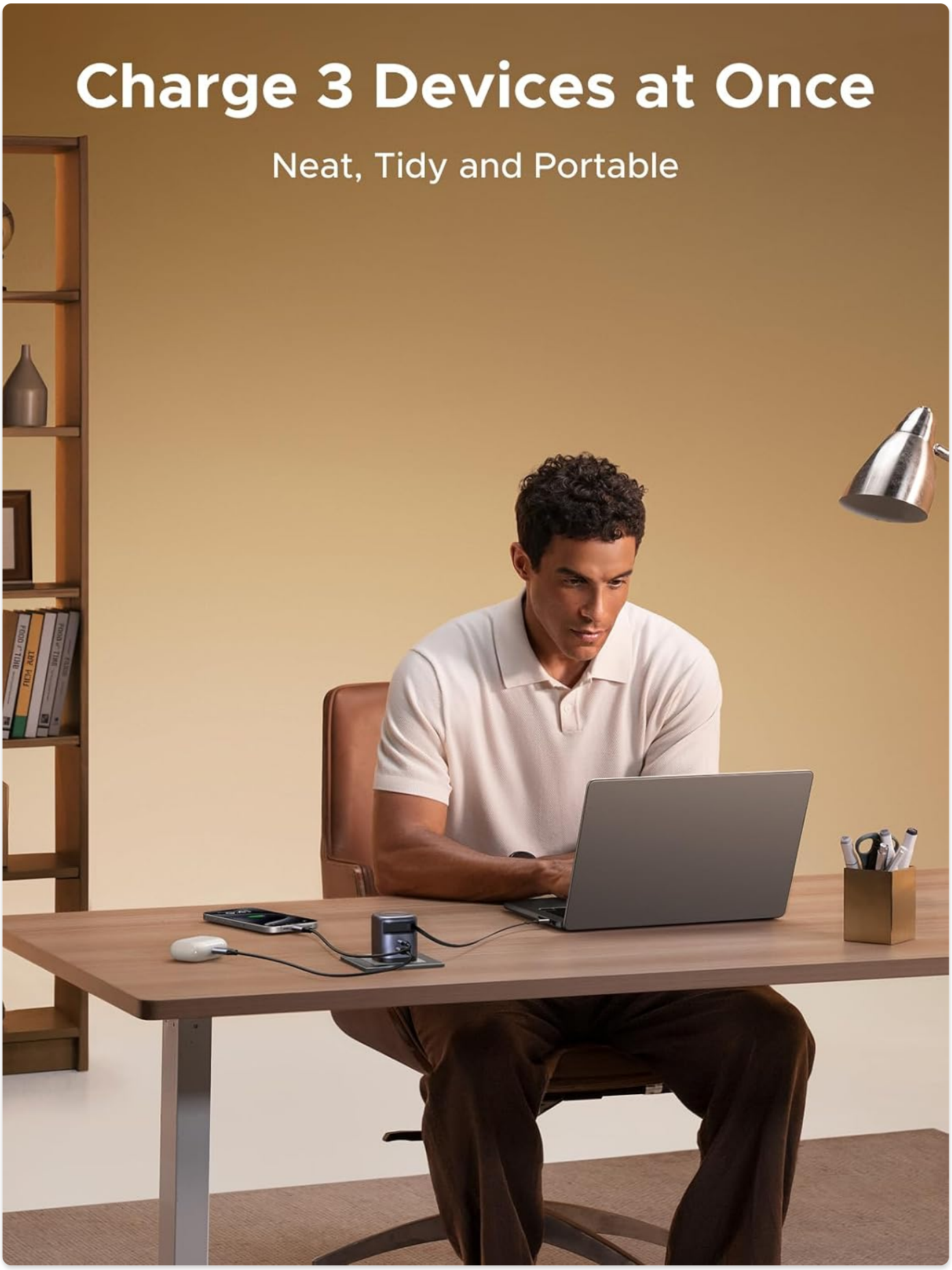


Image: A user charging three devices (laptop, phone, earbuds) simultaneously with the UGREEN charger, demonstrating its multi-device capability.

5.3 Power Distribution Diagrams

Refer to the following diagrams for typical power distribution scenarios:

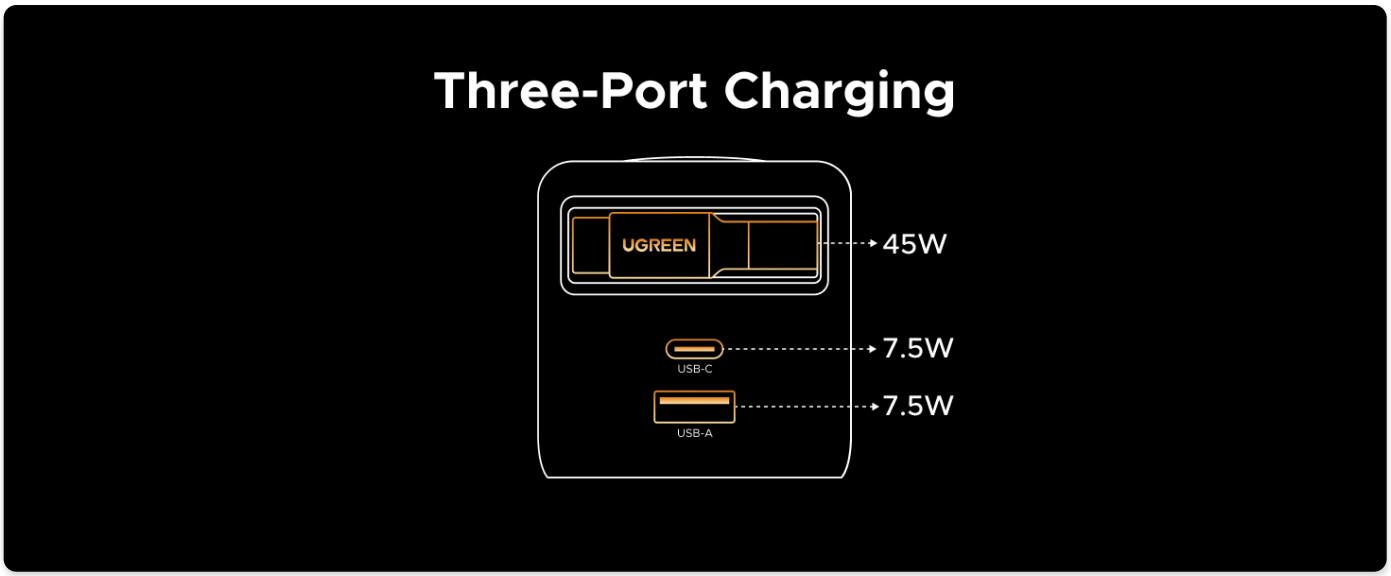


Image: Diagram showing power output when only one port is in use: 60W from the built-in cable, 65W from the USB-C port, and 22.5W from the USB-A port.

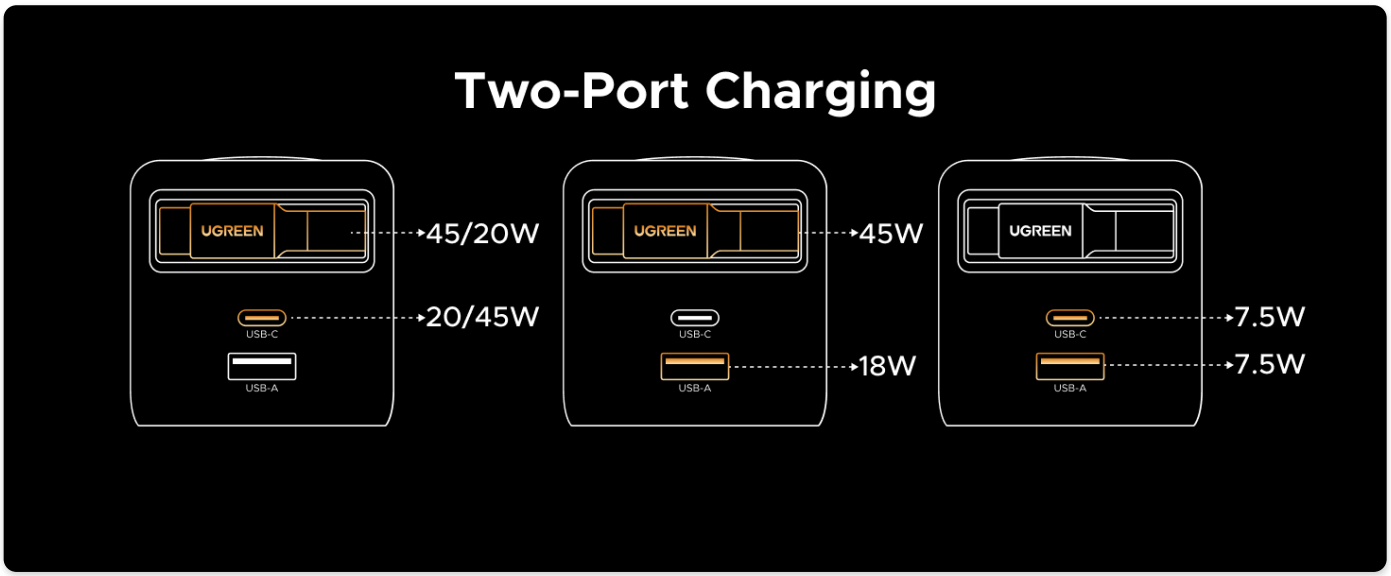


Image: Diagram showing power distribution when two ports are in use, such as 45W/20W, 20W/45W, 45W/18W, and 7.5W/7.5W combinations.

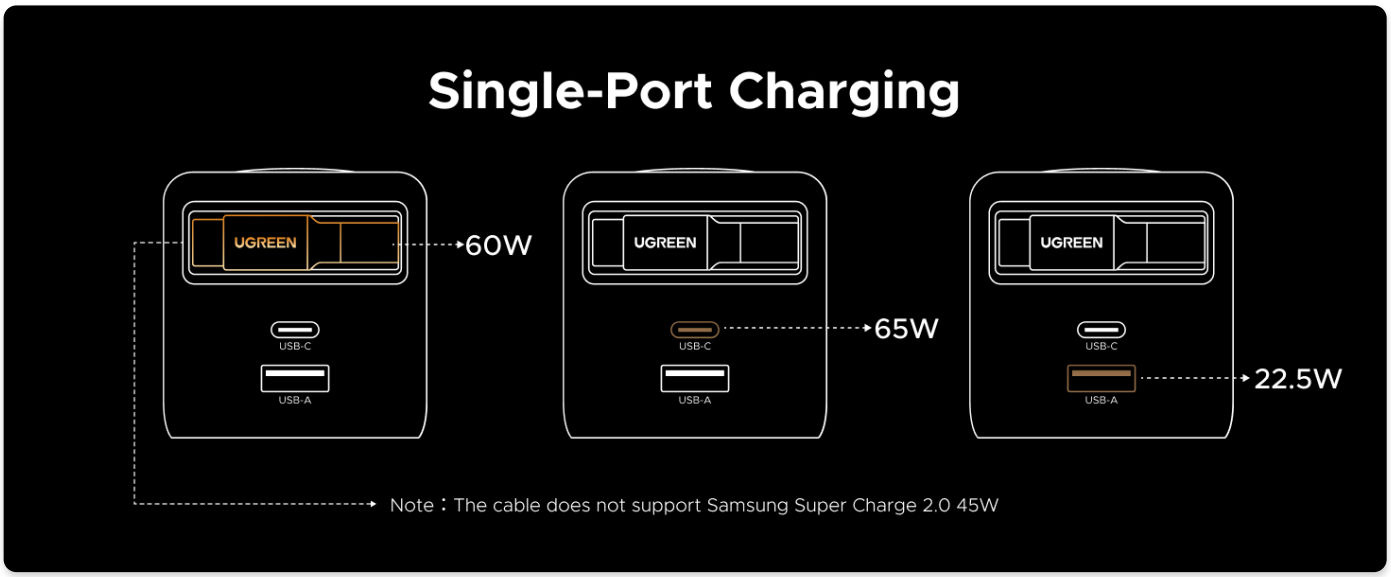


Image: Diagram showing power distribution when all three ports are in use, typically 45W from the built-in cable, 7.5W from the USB-C port, and 7.5W from the USB-A port.

5.4 Official Product Video

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Video: An official UGREEN video demonstrating the features and benefits of the UGREEN 65W USB C Charger Block with Built-in Cable, including its retractable design and multi-device charging capabilities.

6. Maintenance

- **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:** When not in use, retract the built-in cable completely and fold the AC prongs. Store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** The retractable cable is tested for over 25,000 retractions and 10,000+ bends. To ensure longevity, always pull both ends simultaneously when extending or retracting. Avoid sharp bends or excessive force.

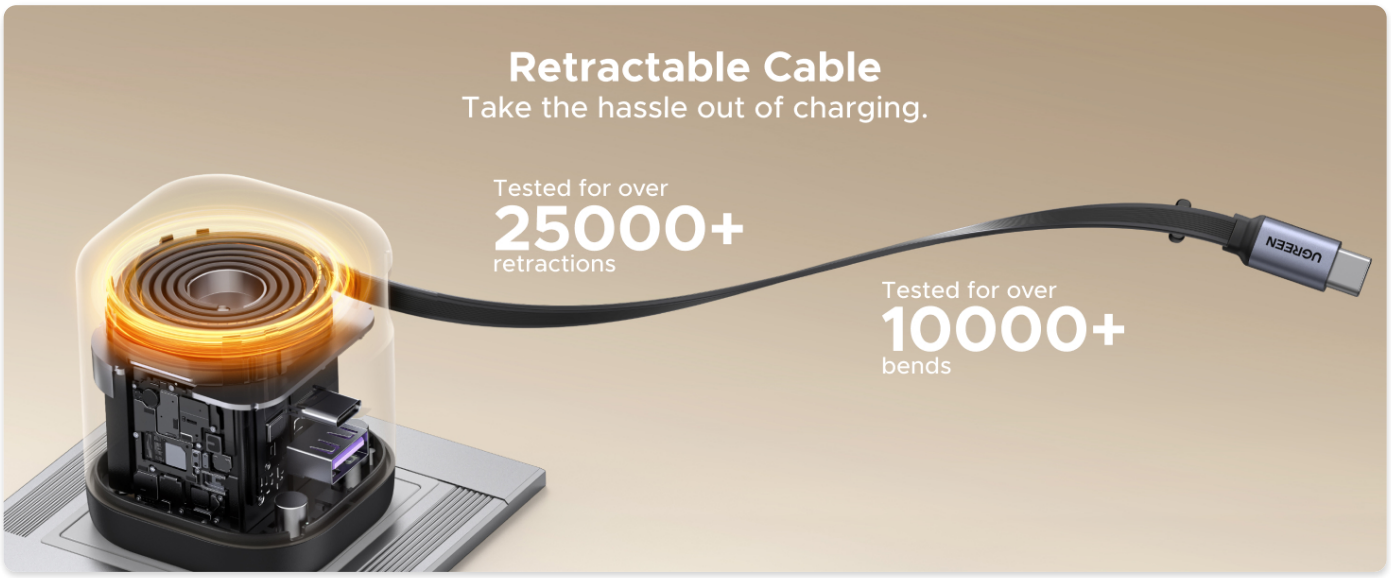


Image: An internal view of the retractable cable mechanism, highlighting its durability with tests for over 25,000 retractions and 10,000+ bends.

7. Troubleshooting

Problem	Possible Cause	Solution
Device not charging.	Charger not properly plugged in; cable damaged; device incompatible; power outlet issue.	Ensure charger is securely plugged into a working outlet. Try a different cable or device. Test the outlet with another appliance.
Slow charging.	Using a non-fast charging cable; multiple devices connected; device not supporting fast charging protocols.	Use a high-quality, fast-charging compatible cable. Disconnect other devices to allow higher power to a single device. Verify device's fast charging compatibility.

Problem	Possible Cause	Solution
Cable not retracting/extending smoothly.	Improper pulling technique; internal mechanism obstruction.	Ensure you pull both ends of the cable simultaneously. Avoid twisting the cable. If the issue persists, contact UGREEN support.
Charger feels warm.	Normal operation during high power output; excessive load.	It is normal for the charger to feel warm during operation, especially when charging multiple devices or high-power devices. If it becomes excessively hot or emits smoke/odor, unplug immediately and contact support.

8. Specifications

Feature	Detail
Brand	UGREEN
Model Number	X605
Product Dimensions	2.34 x 2.09 x 1.98 inches
Item Weight	10.2 ounces
Wattage	65 watts (Max Total Output)
Built-in Cable Output	Up to 60W (USB-C)
USB-C Port Output	Up to 20W
USB-A Port Output	Up to 15W
Input Voltage	100-240 Volts AC
Connectivity Technology	Powerline
Connector Type	USB Type C, USB Type A
Special Feature	65W Fast Charging, Retractable Cable, GaN II Technology, 8-Safeguard Protection
Compatible Devices	Laptops (MacBook Pro/Air), Tablets (iPad Pro/Air), Smartphones (iPhone 16-8 Series, Galaxy S25 Ultra-S10 Series, Pixel 9/8/7), Gaming Consoles (Switch, Steam Deck), Accessories (AirPods Pro, Galaxy Buds, Smartwatches)

Feature	Detail
Color	Starlight Grey
Mounting Type	Wall Mount
Date First Available	November 22, 2024

9. Warranty and Support

UGREEN products come with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official UGREEN website.
For technical support, troubleshooting assistance, or any inquiries regarding your UGREEN Nexode 65W GaN USB C Retractable Charger, please contact UGREEN Customer Service:

- **Website:** www.ugreen.com
- **Email:** Refer to the UGREEN website for contact email.
- **Phone:** Refer to the UGREEN website for contact phone number.

Please have your product model number (X605) and purchase information ready when contacting support.

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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

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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