UGREEN EC603

UGREEN 90W Retractable Car Charger (Model EC603) User Manual

1. Introduction

Thank you for choosing the UGREEN 90W Retractable Car Charger. This device is designed to provide efficient and convenient charging for your electronic devices while on the go. Featuring a retractable USB-C cable and additional charging ports, it ensures your devices remain powered without cable clutter.

2. Safety Information

- Do not disassemble, modify, or repair the product.
- Keep the charger away from water, fire, and high temperatures.
- Ensure the car's cigarette lighter socket is clean and free of debris before insertion.
- Avoid exposing the retractable cable to excessive force or sharp objects.
- Unplug the charger when not in use or when leaving the vehicle for extended periods.

3. Package Contents

- UGREEN 90W Retractable Car Charger (Model EC603)

4. Product Overview

The UGREEN 90W Retractable Car Charger features a compact design with multiple charging options. It includes a built-in retractable USB-C cable, an additional USB-C port, and a USB-A port.



Image: The UGREEN 90W Retractable Car Charger, showcasing its compact design and integrated retractable USB-C cable.

5. Setup

1. Locate the cigarette lighter socket in your vehicle.
2. Insert the UGREEN car charger firmly into the cigarette lighter socket until it is securely seated.
3. The charger is now ready for use.

6. Operating Instructions

6.1 Charging Devices

- **Using the Retractable USB-C Cable:** Gently pull the integrated USB-C cable to extend it to the desired length (up to 70cm). Connect it to your compatible USB-C device. To retract, pull the cable slightly further and then release it; the cable will automatically retract into the charger.
- **Using the Additional Ports:** Connect your device's charging cable to the available USB-C port or USB-A port on the charger.
- **Simultaneous Charging:** The charger can charge up to three devices simultaneously. The retractable USB-C cable provides up to 60W, while the additional USB-C and USB-A ports each support up to 30W, with a total output of 90W.



Image: A user extending the retractable USB-C cable from the car charger, demonstrating its flexible design.



Image: The UGREEN car charger connected to a laptop, illustrating its 60W fast charging capability for a single device.



Image: The car charger in use, simultaneously charging a laptop, a drone, and a camera, highlighting its multi-device charging capability.

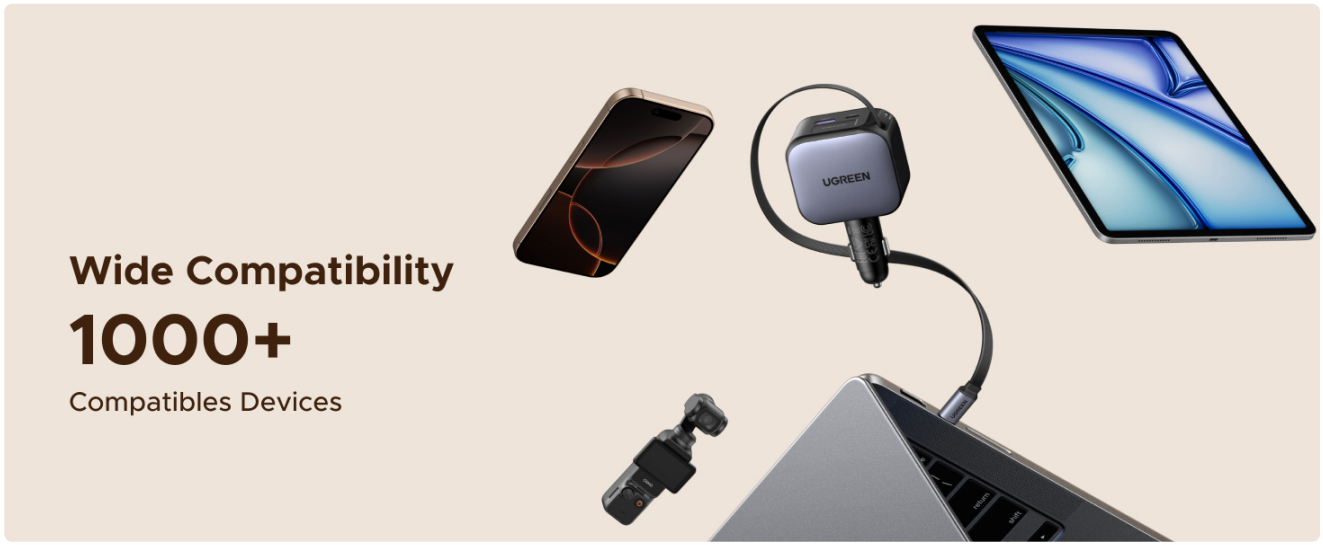


Image: An illustration showing various compatible devices such as smartphones, tablets, laptops, and gimbals, emphasizing the charger's wide compatibility.

6.2 Power Output Overview

The charger intelligently adapts output power based on device requirements. It supports PD3.0/QC3.0 fast charging protocols.



Image: A diagram illustrating the individual power outputs of the charger's ports: 60W from the retractable USB-C cable, 24W from the fixed USB-C port, and 24W from the USB-A port.

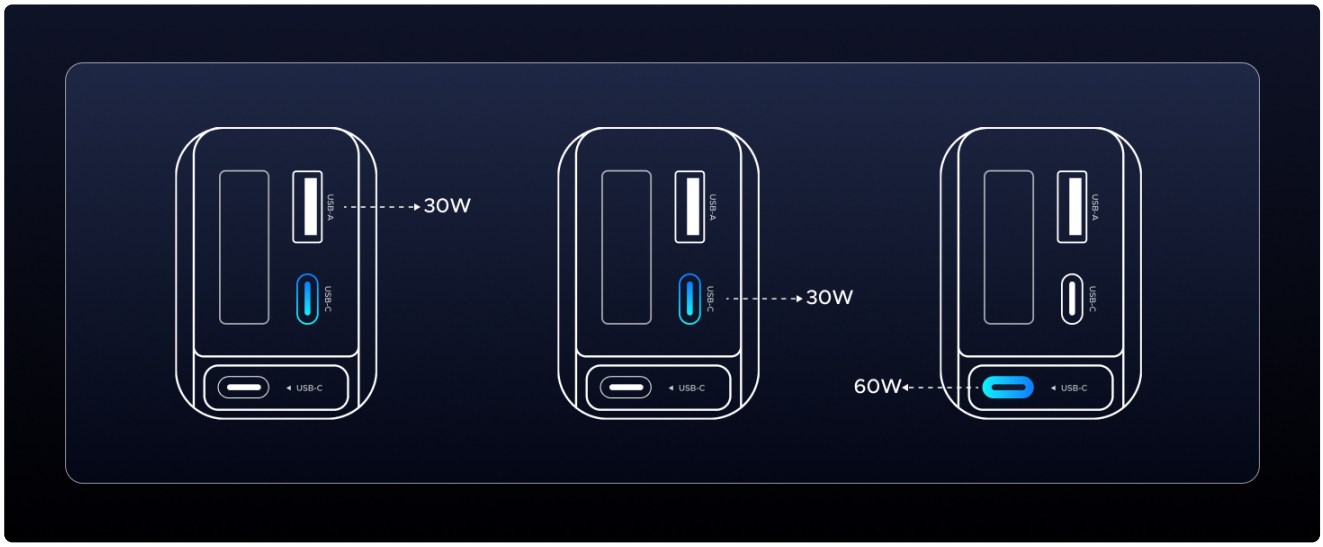


Image: A diagram showing various power output combinations when using multiple ports, such as 30W from the fixed USB-C port, 30W from the USB-A port, and 60W from the retractable USB-C cable.

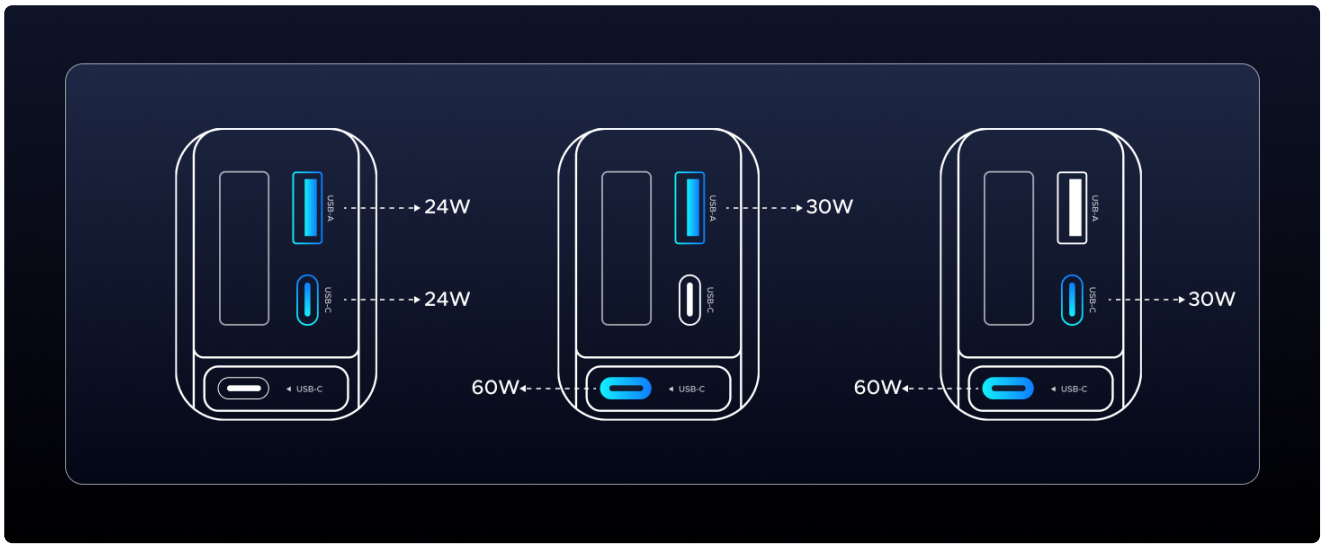


Image: Another diagram detailing power output combinations, including scenarios where the fixed USB-C port and USB-A port provide 24W each, or 30W each, alongside the 60W retractable USB-C cable.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the charger. Do not use liquid cleaners or aerosols.
- **Storage:** Store the charger in a cool, dry place when not in use. Ensure the retractable cable is fully retracted to prevent damage.
- **Cable Care:** The retractable cable is designed for durability, tested for over 25,000 retractions and 10,000 swings. Always retract it gently.



Image: A diagram illustrating the internal mechanism of the retractable cable and highlighting its durability with over 25,000 retraction tests and 10,000 swing tests.

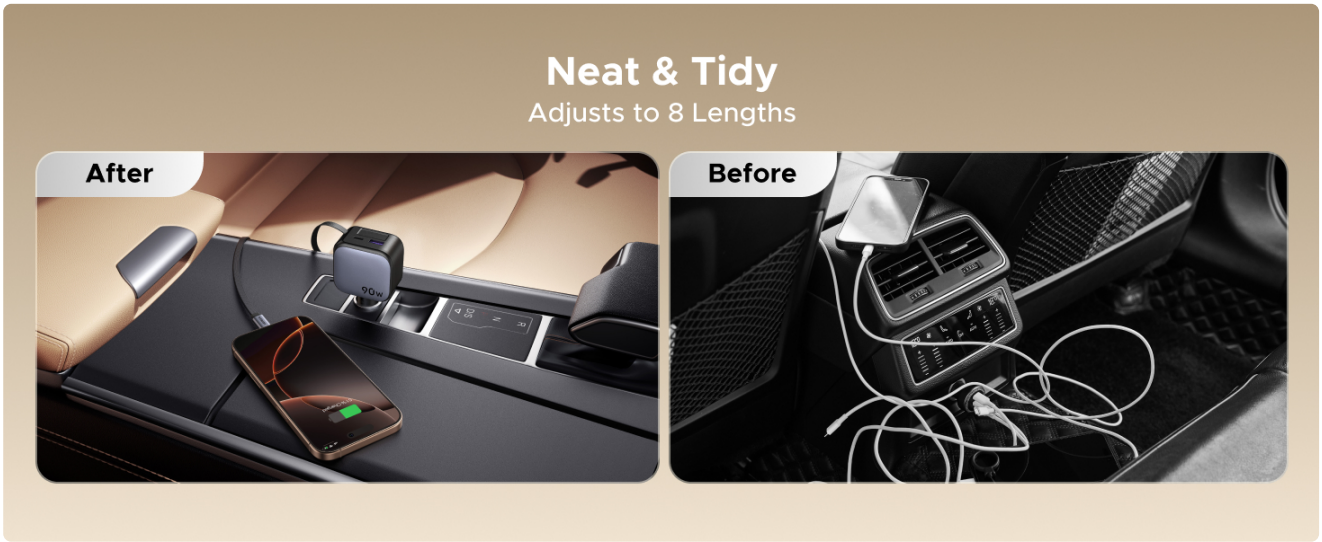


Image: A side-by-side comparison showing a cluttered car interior with loose cables (Before) and a neat, organized interior with the retractable charger in use (After).

8. Troubleshooting

- **Charger is not working:**
  - Ensure the charger is fully inserted into the car's cigarette lighter socket.
  - Check if the car's power outlet is functional.
- **Device is charging slowly:**
  - Verify that your device supports fast charging protocols (PD3.0/QC3.0).
  - Ensure the cable used for the additional ports is capable of fast charging.
  - If multiple devices are connected, the total power output is shared, which may reduce individual charging speeds.
- **Retractable cable is not retracting:**
  - Gently pull the cable out slightly further, then release it. This often resets the retraction mechanism.
  - Avoid pulling the cable out with excessive force.

9. Specifications

Feature	Specification
Model Number	EC603
Total USB Ports	3 (1x Retractable USB-C, 1x USB-C, 1x USB-A)
Total Wattage	90W Max
Retractable USB-C Output	60W Max
USB-C Port Output	30W Max
USB-A Port Output	30W Max
Input Voltage	12-24 Volts (DC)
Cable Length (Retractable)	Up to 70cm
Dimensions	6.18 x 5.43 x 1.54 inches
Item Weight	3.07 ounces
Material	PC (Fire-resistant)
Safety Features	Overcurrent, Short Circuit, Undervoltage, Overvoltage Protection



Image: A diagram illustrating the multi-layered protection features of the charger, including overcurrent, overvoltage, short-circuit, overtemperature, and overpower protection, along with fireproof hull protection.

10. Warranty and Support

UGREEN products come with a standard warranty. For detailed warranty information, technical support, or customer service inquiries, please visit the official UGREEN website or contact their customer support team directly. Please have your model number (EC603) and purchase information ready when contacting support.

Manufacturer: Ugreen Group Limited

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.

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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