UGREEN EC501

UGREEN 75W 2C1A Car Charger with Cable EC501 User Manual

Model: EC501

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1. Introduction

Thank you for choosing the UGREEN 75W 2C1A Car Charger with Cable EC501. This device is designed to provide efficient and fast charging for your electronic devices while on the go. Please read this manual carefully before use to ensure proper operation and to maximize the product's lifespan.

2. Safety Information

- Do not expose the charger to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the charger to strong impacts.
- Do not attempt to disassemble, repair, or modify the charger. This will void the warranty.
- Keep out of reach of children.
- Ensure the vehicle's power outlet is clean and free of debris before inserting the charger.
- Unplug the charger from the vehicle's power outlet when not in use or when leaving the vehicle for extended periods.
- Use only with compatible devices and cables.

3. Package Contents

The package should contain the following items:

- UGREEN 75W 2C1A Car Charger (EC501)
- Integrated Charging Cable

- User Manual (this document)

4. Product Diagram

Familiarize yourself with the components of your UGREEN Car Charger.



Figure 1: UGREEN 75W 2C1A Car Charger EC501. This image shows the compact design of the car charger, featuring its main body and the integrated cable. The charger is designed to fit into a standard vehicle cigarette lighter socket.

1. **Cigarette Lighter Plug:** Connects to your vehicle's 12V/24V power outlet.
2. **USB-C Port 1:** High-power output for fast charging compatible devices.

3. **USB-C Port 2:** High-power output for fast charging compatible devices.
4. **USB-A Port:** Standard USB output for charging various devices.
5. **Integrated Cable:** A built-in cable for convenient charging without needing an extra cable.
6. **LED Indicator:** Illuminates when the charger is receiving power.

Note: The product title indicates "2C1A", suggesting two USB-C and one USB-A port. However, the specifications state a total of 2 USB ports. Please refer to the physical product for exact port types and count.

5. Setup Instructions

Follow these steps to set up your UGREEN Car Charger:

1. **Locate Vehicle Power Outlet:** Identify the 12V or 24V cigarette lighter socket in your vehicle. Ensure it is clean and free from obstructions.
2. **Insert Charger:** Firmly insert the UGREEN Car Charger into the vehicle's power outlet. Push until it is securely seated. The LED indicator on the charger should illuminate, indicating it is receiving power.
3. **Connect Device:**
    - For devices compatible with the integrated cable, extend the cable and connect it to your device.
    - For other devices, use your device's original charging cable and connect it to one of the available USB ports on the charger.
4. **Begin Charging:** Your device should now begin charging. The charging speed will depend on your device's capabilities and the power output of the specific port used.

6. Operating Instructions

The UGREEN Car Charger is designed for simple plug-and-play operation. Here are some tips for optimal use:

- **Simultaneous Charging:** The charger supports charging multiple devices simultaneously. The total 75W output is dynamically distributed among the connected devices. For optimal fast charging, connect high-power devices to the USB-C ports.
- **Power Delivery (PD) & Quick Charge (QC):** The USB-C ports support Power Delivery (PD) for rapid charging of compatible laptops, tablets, and smartphones. The USB-A port typically supports Quick Charge (QC) or similar fast-charging protocols.
- **Integrated Cable Usage:** The integrated cable provides convenience. Gently pull the cable to extend it to the desired length. Avoid excessive force when extending or retracting the cable to prevent damage.
- **Vehicle Engine On:** For best performance and to avoid draining your vehicle's battery, it is recommended to use the car charger when the vehicle's engine is running.

7. Maintenance

Proper care will ensure the longevity of your car charger:

- **Cleaning:** Disconnect the charger from the vehicle's power outlet before cleaning. Use a soft, dry cloth to wipe the exterior of the charger. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the charger in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the integrated cable is neatly retracted.
- **Cable Care:** Avoid sharp bends or kinks in the integrated cable. Do not pull the cable forcefully or yank it from your device.

8. Troubleshooting

If you encounter issues with your UGREEN Car Charger, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Charger not powering on (LED off).	Loose connection. Vehicle power outlet (cigarette lighter) is not active. Blown fuse in vehicle or charger.	Ensure the charger is firmly inserted into the power outlet. Check if the vehicle's engine is on or if the outlet requires the ignition to be on. Consult your vehicle's manual for fuse box location and replacement. Do not attempt to replace charger's internal fuse.
Device not charging or charging slowly.	Incompatible cable or device. Too many devices connected, exceeding total power output. Dirty charging port on device or charger.	Use original or certified charging cables. Try charging one device at a time. Clean ports gently with a dry, non-conductive tool.
Charger or device getting hot.	Normal operation during fast charging. Overload or faulty device/cable.	Slight warmth is normal. If it's excessively hot, disconnect immediately. Try different cables or devices to isolate the issue.

If the problem persists after trying these solutions, please contact UGREEN customer support.

9. Specifications

Model:	EC501
Total USB Ports:	2 (*Note: Product title indicates "2C1A", suggesting two USB-C and one USB-A port. Please refer to physical product for exact port types.*)
Total Output Power:	75W
Input Voltage:	DC 12V-24V (Standard vehicle power outlet)
Output Voltage:	Up to 15V (Port dependent)
Output Current:	Up to 15A (Port dependent)
Dimensions:	7.87 x 2.03 x 4.06 cm
Weight:	65 g

10. Warranty and Support

UGREEN products come with a standard manufacturer's warranty. For detailed warranty information, please refer to the warranty card included with your product or visit the official UGREEN website.
If you experience any issues or have questions regarding your UGREEN 75W 2C1A Car Charger, please contact UGREEN customer support through their official website or the retailer from whom you purchased the product. Please have your model number (EC501) and purchase details ready.

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