

MRGLAS K97

MRGLAS 90W USB C Car Charger (Model K97) Instruction Manual

Brand: MRGLAS | Model: K97

1. INTRODUCTION

Thank you for choosing the MRGLAS 90W USB C Car Charger. This compact and powerful car adapter is designed to provide rapid charging for a wide range of devices, including smartphones, tablets, and laptops, directly from your vehicle's cigarette lighter socket. Its all-metal construction ensures durability and efficient heat dissipation, while the innovative pull-ring design allows for easy removal. Please read this manual carefully to ensure proper use and optimal performance.

2. KEY FEATURES

- **90W Super Fast Charging:** Equipped with PD 45W (USB-C port) and QC 45W (USB-A port) for high-speed charging of two devices simultaneously.
- **Invisible Design:** Thumb-sized body fits snugly and flush into the lighter outlet, minimizing protrusion and maintaining a clean vehicle interior.
- **All-Metal Construction:** Durable metal body provides superior heat dissipation, scratch resistance, and a premium feel compared to plastic alternatives.
- **Pull-Ring Design:** Features a convenient pull-ring for easy insertion and removal from the cigarette lighter socket.
- **Advanced Safety:** Built-in smart IC and multiple safety certifications protect against overcurrent, short circuit, over-voltage, under-voltage, over-temperature, and overpower.
- **Wide Compatibility:** Supports fast charging for various devices including iPhone 17/16/15 series, Samsung Galaxy S25/S24/S23, iPads, MacBooks, and more.



Image: The MRGLAS 90W USB C Car Charger, highlighting its compact design and dual charging ports.

3. SETUP

3.1 Installing the Car Charger

1. Locate your vehicle's 12V cigarette lighter socket.
2. Insert the MRGLAS 90W USB C Car Charger firmly into the socket until it sits flush. The charger is designed to be compact and minimize protrusion.
3. A subtle blue LED indicator will illuminate, confirming that the charger is properly connected and receiving power.



Image: The MRGLAS car charger seamlessly installed in a vehicle's power outlet, demonstrating its flush fit.

3.2 Removing the Car Charger

To remove the charger, gently pull up the integrated metal pull-ring located on the top surface of the charger. This ring provides leverage to easily extract the charger from the socket without excessive force.

NO.1 COMPACT SIZE Super mini, Perfectly flush fit



Image: A close-up view illustrating the innovative metal pull-ring design for convenient removal of the charger.

Your browser does not support the video tag.

Video: A short demonstration of the MRGLAS car charger's compact size and the functionality of its pull-ring for easy removal.

4. OPERATING INSTRUCTIONS

4.1 Charging Your Devices

The MRGLAS car charger features two high-power charging ports:

- **USB-C Port (PD 45W):** For devices compatible with Power Delivery (PD) fast charging, such as newer iPhones, iPads, and some laptops.
- **USB-A Port (QC 45W):** For devices compatible with Quick Charge (QC) 3.0 fast charging, such as Android smartphones and other USB-powered accessories.

Connect your device's charging cable to the appropriate port on the car charger. The charger will automatically detect your device and deliver the optimal charging speed up to its maximum output.

✓ **Newest**

**90W
Super Mini**

✗ **Gen1**
52.5W
Huge bulge

✗ **Gen2**
67.5W
Little bulge

MRGLAS

Total output

90W



45W PD3.0

45W QC3.0

Other

67.5W



**45W PD
22.5W QC**

Other

52.5W



**30W PD
22.5W QC**

Image: The MRGLAS car charger displaying its USB-A and USB-C ports, ready for device connection.

Your browser does not support the video tag.

Video: A seller demonstrating the MRGLAS 90W USB C Car Charger's fast charging capabilities and compact fit in a vehicle.

4.2 Simultaneous Charging

Both ports can be used simultaneously to charge two devices at their respective fast charging speeds, up to a combined total of 90W. The intelligent identification chip ensures efficient power distribution without damaging your devices.



Image: An infographic illustrating the rapid charging performance of the MRGLAS 90W car charger for different devices.

5. MAINTENANCE

- **Cleaning:** Disconnect the charger from the power source before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use for extended periods, store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Damage:** Do not drop, disassemble, or attempt to repair the charger yourself. This may void the warranty and cause damage.

6. TROUBLESHOOTING

Issue	Possible Cause	Solution
Charger not powering on (no blue LED)	Loose connection; vehicle socket issue; blown fuse.	Ensure the charger is fully inserted. Check if the vehicle's cigarette lighter socket is functional. Inspect vehicle's fuse box for a blown fuse.
Device not fast charging	Device or cable not compatible with PD/QC; cable damage.	Verify your device and charging cable support PD or QC protocols. Try a different, certified fast-charging cable.
Charger feels warm during use	Normal operation during high-power charging.	This is normal. The all-metal body is designed to dissipate heat efficiently. If it becomes excessively hot, disconnect immediately and contact support.
Charger is difficult to remove	Tight fit.	Utilize the metal pull-ring to gently extract the charger. Avoid excessive force.

7. SPECIFICATIONS

Feature	Detail

Feature	Detail
Product Dimensions	0.79 x 1.57 x 0.39 inches
Item Weight	0.16 ounces
Model Number	K97
Brand	MRGLAS
Connector Type	USB A, USB C
Input Voltage	12 Volts
Amperage	3.2 Amps
Total USB Ports	2
Special Features	90W Super Fast Car Charger, All Metal, Built-In Blue Lighting, PD 45W & QC 45W, Pull Ring Design
Compatible Devices	iPhone 17/17 Pro/17 Pro Max/Air/16/16 Pro/16 Plus/16 Pro Max/15/15 Pro/15 Plus/15 Pro Max/14/14 Plus/14 Pro/14 Pro Max/13/13 Mini/13 Pro/13 Pro Max/12/12 Mini/12 Pro/12 Pro Max/11/11 Pro/11 Pro Max/X/XS/XR/8/7 Plus/SE, Samsung Galaxy S25/S24/S23/S22/S20/S10/S9/S8/S7/S6/Plus/Note 21/20/10/10+/9/8/7/6/Edge/S6 Edge/S6 Edge, Macbook Pro, Macbook Air, Macbook 12-inch, iPad Pro, iPad Air, iPad Mini, Lenovo ThinkPad/Yoga5 C930, HP, Google Pixelbook, HTC, LG, Nokia, Motorola, Sony, Kindle Fire HD 10, Steam Deck, Google Pixel, Pixel XL, Pixel 2, Pixel 2 XL, Nexus 6, Nexus 5X, Nexus 6P, Bluetooth Speaker / Headphones; Kindle/ GPS, etc.

8. WARRANTY AND SUPPORT

MRGLAS offers a **2-year promise** for this USB C car charger, covering all quality issues. We are committed to providing a reliable product and excellent customer service.

For any questions, concerns, or support needs, please refer to the contact information provided with your product packaging or visit the official MRGLAS store on Amazon: [MRGLAS Store](#).

