

AILKIN YD-PD

AILKIN 30W PD USB C Car Charger Instruction Manual

Model: YD-PD

1. INTRODUCTION

Thank you for choosing the AILKIN 30W PD USB C Car Charger. This manual provides essential information for the safe and efficient use of your new car charger. Please read it thoroughly before use and retain it for future reference.

2. PRODUCT FEATURES

- **Dual Port Design:** Equipped with one Power Delivery (PD) USB-C 3.0 port and one USB-A port, allowing simultaneous charging of two devices.
- **Fast Charging:** The PD 3.0 port supports rapid charging for compatible devices, delivering up to 30W of power.
- **Wide Compatibility:** Suitable for a broad range of smartphones, tablets, and other USB-powered devices, including iPhone, iPad, Samsung Galaxy, LG, Google Pixel, and Moto models.
- **Safety Protections:** Certified with RoHS, CE, and FCC standards, featuring safeguards against overheating, over-currents, overcharging, and short circuits. Charging automatically stops when the battery is full.
- **Durable Construction:** Made from ABS + PC fireproof material for enhanced durability and safety.
- **LED Indicator:** A blue LED light confirms proper connection and operation.

3. SETUP AND INSTALLATION

1. Locate your vehicle's 12V cigarette lighter socket.
2. Insert the AILKIN 30W PD USB C Car Charger firmly into the cigarette lighter socket. The blue LED indicator will illuminate to confirm power connection.
3. Connect your device's charging cable (USB-C to USB-C, USB-C to Lightning, or USB-A to compatible connector) to the appropriate port on the car charger.
4. Plug the other end of the charging cable into your device.

AILKIN PD+2.4A

USB C Car Charger



Image: The AILKIN 30W PD USB C Car Charger installed in a vehicle, demonstrating its high-speed charging capability with a connected smartphone.

4. OPERATING INSTRUCTIONS

The AILKIN car charger is designed for simple plug-and-play operation. Once properly installed in your vehicle's cigarette lighter socket and indicated by the blue LED, it is ready to charge your devices.

- **Using the USB-C PD Port:** For devices that support Power Delivery (PD) fast charging, use a compatible USB-C to USB-C or USB-C to Lightning cable. This port delivers up to 30W for rapid charging.
- **Using the USB-A Port:** For devices that use standard USB-A charging, connect your USB-A cable to this port. This port provides efficient charging for a wide range of devices.
- **Simultaneous Charging:** Both ports can be used concurrently to charge two devices at their optimal speeds, up to a combined total of 30W.



Image: The AILKIN car charger demonstrating its ability to fast charge two devices concurrently, with both USB-C and USB-A ports in use.

5. MAINTENANCE

To ensure the longevity and optimal performance of your AILKIN car charger, follow these simple maintenance guidelines:

- Keep the charger dry and away from moisture.
- Avoid exposing the charger to extreme temperatures.
- Clean the ports and exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure the charger is securely plugged into the cigarette lighter socket to prevent intermittent connections.
- Do not attempt to disassemble or modify the charger, as this will void the warranty and may cause damage or injury.

6. TROUBLESHOOTING

If you encounter issues with your AILKIN car charger, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Charger not powering on (no blue LED)	Loose connection; vehicle's power socket issue; blown fuse in vehicle.	Ensure the charger is fully inserted. Test the vehicle's power socket with another device. Check your vehicle's fuse box for a blown fuse related to the accessory power outlet.
Device not charging or charging slowly	Incompatible cable; device not supporting fast charge; cable damage; charger overload.	Use a certified charging cable. Ensure your device supports PD 3.0 for fast charging. Try a different cable. If charging multiple devices, ensure total power draw does not exceed 30W.
Charger gets hot during use	Normal operation under heavy load; poor ventilation.	A slight warmth is normal during fast charging. Ensure the charger is not covered and has adequate ventilation. If it becomes excessively hot, discontinue use and contact support.

7. SPECIFICATIONS

- **Product Dimensions:** 3.94 x 1.97 x 0.39 inches
- **Item Weight:** 0.352 ounces
- **Item Model Number:** YD-PD
- **Brand:** AILKIN
- **Connector Type:** USB+USB C
- **Input Voltage:** 12 Volts
- **Amperage:** 3.4 Amps (shared)
- **Total USB Ports:** 2 (1x USB-C PD, 1x USB-A)
- **Special Feature:** 30 Watts total output, Cigarette Lighter Socket, Fast Charging, USBC + USB Port
- **Manufacturer:** SHENZEN SENJIN ELECTRONICS TECHNOLOGY CO LTD

8. WARRANTY AND SUPPORT

AILKIN offers a worry-free 1-year warranty for this product. For any questions or support needs, please contact our customer service team. We are available 24 hours a day, 7 days a week to assist you.

