

SYNCWIRE SW-XC997

Syncwire 90W USB C Car Charger

MODEL: SW-XC997

User Instruction Manual

1. Introduction

Thank you for choosing the Syncwire 90W USB C Car Charger. This compact and powerful car charger is designed to provide rapid charging for a wide range of devices, including smartphones, tablets, and more, while ensuring safety and durability. Please read this manual carefully before using the product to ensure proper operation and to maximize its lifespan.

2. Safety Information

To prevent injury or damage to your device, please observe the following safety precautions:

- 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 car's cigarette lighter socket is clean and free of debris before inserting the charger.
- Unplug the charger when not in use or when leaving the vehicle for extended periods.
- Avoid using the charger with damaged cables or devices.

3. Product Overview

The Syncwire 90W USB C Car Charger features a robust all-metal construction and a thoughtful design for ease of use and superior performance.



Figure 3.1: Front view of the Syncwire 90W USB C Car Charger, highlighting its dual ports and integrated pull ring.

Key Features:

- **Dual Fast Charging Ports:** Equipped with one PD 3.0 (45W) port and one QC 3.0 (45W) port for maximum charging speed.
- **Super Mini & All Metal Design:** Its compact size allows it to blend seamlessly with most car interiors, while the all-metal body ensures superior heat dissipation and durability.
- **Thoughtful Pull Ring:** A unique pop-up pull ring simplifies insertion and removal from the car's cigarette lighter socket.
- **Soft Blue LED Light:** Provides visibility for finding the USB sockets in the dark.
- **Multi-Protection Safety System:** Built-in smart chip offers protection against overcurrent, short-circuit, overvoltage, under-voltage, over-temperature, and overpower.



Figure 3.2: The thoughtful pull ring design allows for easy insertion and removal of the charger.

ALL METAL BODY

Highest Level of Heat Dissipation



NO.1
Heat Dissipation



Certified Officially Safe & Reliable

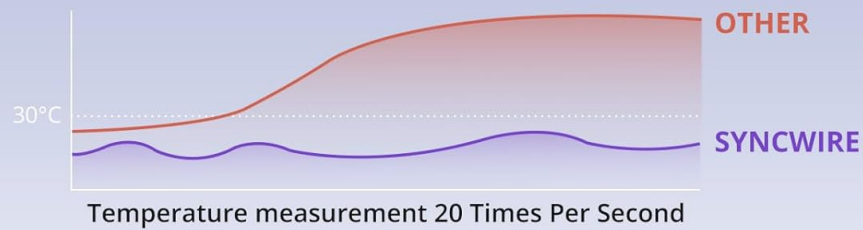


Figure 3.3: The all-metal body ensures efficient heat dissipation, contributing to the charger's reliability.

Smaller Than Ever

Save More Space



Figure 3.4: The super mini size of the Syncwire charger, designed to save space in your vehicle.

Ultra Durable Car Charger



Figure 3.5: Comparison highlighting the superior efficiency and compact design of the Syncwire charger.

4. Specifications

Feature	Detail
Product Dimensions	0.94 x 2.28 x 2.68 inches
Item Weight	0.352 ounces
Model Number	SW-XC997
Brand	SYNCWIRE
Connectivity Technology	Wired (USB)
Connector Type	USB Type C, USB Type A
Compatible Devices	Smartphones, Tablets, Laptops (USB-C PD compatible)
Special Feature	Fast Charging (PD 45W & QC 45W), All Metal Body, Pull Ring Design
Color	Purple

Input Voltage	12-24 Volts DC
Total USB Ports	2

5. Setup

Installing the Syncwire car charger is a simple process:

1. Ensure your vehicle's engine is off or in accessory mode.
2. Locate the 12V cigarette lighter socket in your vehicle.
3. Insert the Syncwire car charger firmly into the socket until it is securely seated. The blue LED light will illuminate, indicating it is powered on and ready for use.
4. To remove, gently pull the integrated pull ring to disengage the charger from the socket.



Figure 5.1: Inserting the charger into the vehicle's 12V socket. The flush design ensures it fits neatly.

6. Operating Instructions

The Syncwire car charger offers efficient and safe charging for your devices.

1. Once the charger is securely plugged into the car's 12V socket and the LED light is on, connect your

device's charging cable to the appropriate port on the charger.

2. For devices supporting Power Delivery (PD), use the USB-C port. For devices supporting Quick Charge (QC) or other standard USB charging, use the USB-A port.
3. Your device should begin charging automatically. The charging speed will adapt to your device's capabilities and the cable used.

Important Notes:

- While the charger supports simultaneous charging of two devices, it does **NOT** support simultaneous super-fast charging for both ports at their maximum advertised speeds. The power output will be distributed.
- For optimal fast charging, use high-quality, compatible charging cables.
- The PD port supports Samsung 25W super fast charging.



Figure 6.1: Example of super-fast charging performance for compatible devices.

Wide Compatibility:

The charger is compatible with a broad range of devices, including but not limited to:

- **iPhones:** iPhone 15/14/13/12/11 Pro Max/XS/XR/SE, and earlier models.
- **iPads:** iPad Pro/Air/Mini.

- **Samsung Galaxy:** S23/S22/S21/S20/S10/S9/S8/S7, Note 22/21/20/10/9/8, and Ultra/Plus variants.
- **Google Pixel:** Pixel 7/7 Pro/6 Pro/6/5/4/3a/3/2/XL.
- Other Android phones and devices supporting PD 3.0, QC 3.0, Samsung AFC, SCP Super Fast Charging.
- Macbook Air series (via PD3.0 port).



Figure 6.2: The Syncwire car charger offers wide compatibility with numerous mobile devices.

7. Maintenance

Proper care will ensure the longevity of your Syncwire car charger:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the charger. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Connection:** Periodically check the car's cigarette lighter socket for any dust or debris that might affect the connection.

8. Troubleshooting

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

- **Charger not powering on (LED off):**

- Ensure the charger is fully inserted into the cigarette lighter socket.
- Check the vehicle's fuse for the cigarette lighter socket.
- Test the charger in a different vehicle or socket to rule out a vehicle-specific issue.

- **Device not charging or charging slowly:**

- Verify that your charging cable is not damaged and is compatible with fast charging.
- Ensure your device supports the fast charging protocols (PD or QC) of the charger.
- If charging two devices simultaneously, note that the total power output is shared, which may result in slower charging for individual devices.
- Clean the charging ports on both the charger and your device.

- **Charger feels hot during use:**



- It is normal for the charger to become warm during operation, especially during fast charging. The all-metal body is designed for efficient heat dissipation.
- If the charger becomes excessively hot or emits smoke/odor, immediately unplug it and discontinue use.

9. Warranty and Support

Syncwire products are manufactured to high-quality standards. For warranty information, technical support, or any inquiries regarding your Syncwire 90W USB C Car Charger, please refer to the contact information provided on the product packaging or visit the official Syncwire website. Please retain your proof of purchase for warranty claims.

© 2023 SYNCWIRE. All rights reserved.

Related Documents - SW-XC997

	SYNCWIRE EV Charging Cable User Manual Comprehensive user manual for the SYNCWIRE EV Charging Cable, detailing product overview, technical specifications, usage instructions, and safety warnings for electric vehicle charging.
	SYNCWIRE SW-BR999 Bluetooth Receiver User Manual and Specifications Detailed user manual and technical specifications for the SYNCWIRE SW-BR999 Bluetooth Receiver, including setup instructions, button functions, product diagrams, and quality requirements.
	SYNCWIRE SW-XC725 Car Wireless FM Transmitter User Manual User manual for the SYNCWIRE SW-XC725 Car Wireless FM Transmitter, providing technical specifications, features, and manufacturer details from Shenzhen Leaderment Technology Co.,Ltd.

SYNCWIRE SW1012 Selfie Stick Tripod User Manual Magnetic Phone Holder & Remote Shutter
--

User manual for the SYNCWIRE SW1012 selfie stick tripod, featuring a magnetic phone holder and remote shutter. Includes setup, Bluetooth connection, usage instructions, technical specifications, and manufacturer details.
--