

## ESSAGER F698

# Essager 100W USB C Car Charger Instruction Manual

Brand: ESSAGER | Model: F698

## PRODUCT OVERVIEW

The Essager 100W USB C Car Charger is a high-performance charging adapter designed for vehicles, featuring both USB-C and USB-A ports for simultaneous fast charging of multiple devices. Its robust all-metal construction ensures efficient heat dissipation and durability, while integrated safety systems provide comprehensive protection for your devices.

### Key Features:

- **PD65W+QC35W Super Fast Charging:** Supports high output for rapid charging of phones, iPads, and MacBooks.
- **All Aluminum Shell:** High-density aluminum alloy for improved heat dissipation and enhanced durability compared to plastic chargers.
- **Safety Systems:** Equipped with an intelligent control chipset providing temperature, over-current, over-voltage, overcharge, overload, overheat, and short circuit protection.
- **LED Light and Anti-fall Design:** Features an LED indicator for easy port location in the dark and reinforced anti-slip shrapnel for stable connection on uneven roads.
- **Universal Compatibility:** Automatically recognizes and optimizes charging for a wide range of USB-C and USB-A devices, compatible with 12-24V vehicles.

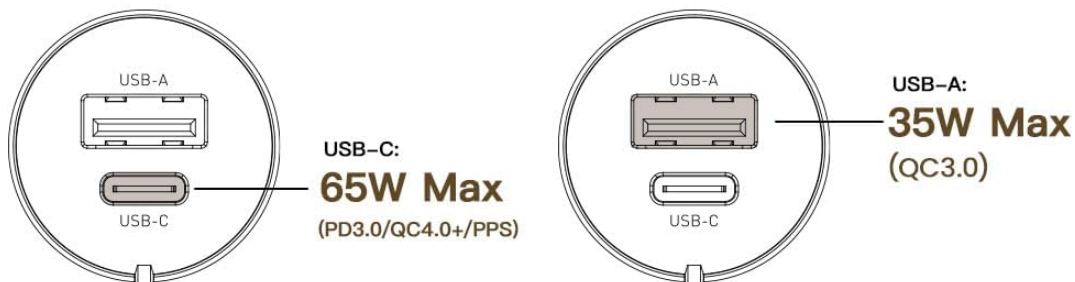


The Essager 100W USB C Car Charger, featuring both USB-A and USB-C ports for versatile charging.

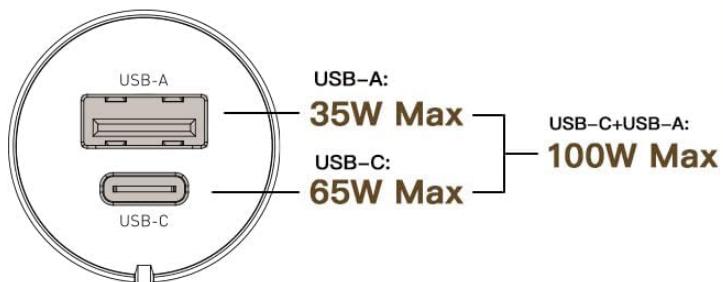
# Double the Fast Charging

Simultaneously charge two devices at full speed  
with a total output of up to 100W.

## Single-Port Charging:



## Dual-Port Charging:



Detailed diagram illustrating the power distribution for single-port (USB-C 65W Max, USB-A 35W Max) and dual-port (USB-C 65W, USB-A 35W, Total 100W Max) charging.

## WHAT'S IN THE BOX

- 1 x USB Cable (Note: The product specifications state "1 x USB Cable" is included, but the main product description is for the charger itself. This typically refers to a charging cable that comes with the charger.)

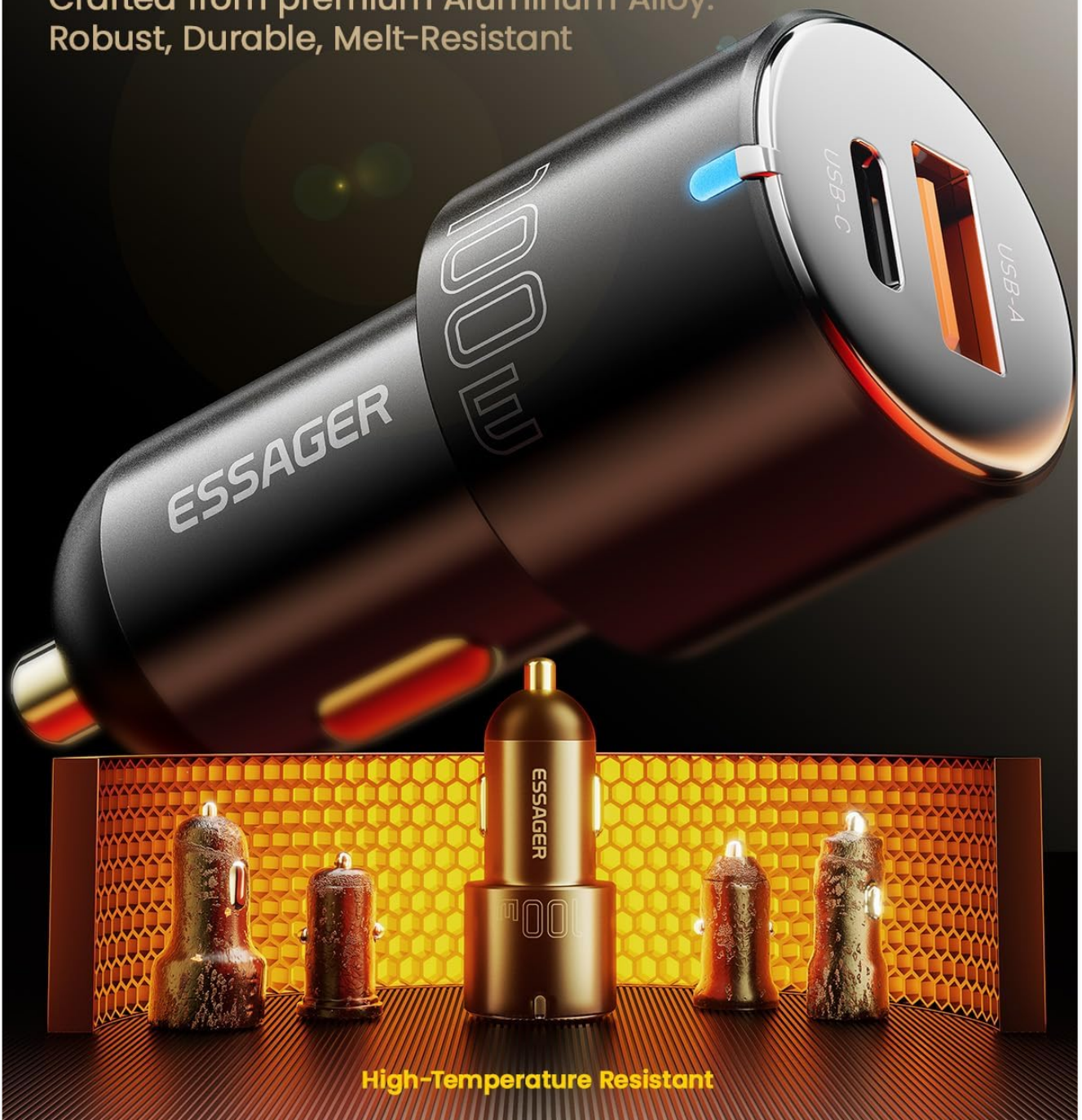
## SETUP AND INSTALLATION



1. **Locate Vehicle's Cigarette Lighter Socket:** Identify the 12V-24V cigarette lighter or power outlet in your car, truck, or RV.
2. **Insert the Charger:** Firmly insert the Essager 100W USB C Car Charger into the cigarette lighter socket. Ensure it is fully seated for a stable connection. The built-in LED light will illuminate, indicating the charger is powered on and ready for use.
3. **Connect Your Devices:** Plug your USB-C or USB-A charging cables into the corresponding ports on the car charger. Connect the other end of the cables to your devices (e.g., smartphone, tablet, laptop).

## What Makes It So Sturdy?

Crafted from premium Aluminum Alloy:  
Robust, Durable, Melt-Resistant



The Essager car charger securely installed in a vehicle's power outlet, ready for use.

Your browser does not support the video tag.

Video demonstrating the installation of the Essager 100W Fast Car Charger into a vehicle's cigarette lighter socket and connecting devices for charging.

## OPERATING INSTRUCTIONS

The Essager 100W USB C Car Charger is designed for simple plug-and-play operation. Once installed, it automatically detects connected devices and delivers optimal charging power.

- **Single Device Charging:** For maximum speed, use the USB-C port (up to 65W) for compatible devices or the USB-A port (up to 35W) for Quick Charge 3.0 compatible devices.
- **Dual Device Charging:** Both ports can be used simultaneously. The charger intelligently distributes power, providing up to 65W from the USB-C port and up to 35W from the USB-A port, for a combined total output of 100W.
- **LED Indicator:** The subtle blue LED light indicates that the charger is active and receiving power from the vehicle.

# No Fear of Bumps Uninterrupted Power Supply

Featuring reinforced metal shrapnel for a secure, non-slip connection that keeps charging even on bumpy roads and rugged terrain.



Over 3,000 plug-and-unplug tests



Rugged Mountain Roads



Passing Speed Bumps



Emergency Braking

Examples of fast charging performance: iPhone 15 to 88%, Galaxy S24 to 90%, and MacBook Air to 68% in approximately 35 minutes.

## MAINTENANCE

- **Cleaning:** Disconnect the charger from the vehicle's power outlet before cleaning. Use a soft, dry cloth to wipe the exterior. Avoid using liquid cleaners or abrasive materials.
- **Storage:** When not in use for extended periods, store the charger in a cool, dry place away from direct sunlight and extreme temperatures.



- **Inspection:** Periodically check the charger and connected cables for any signs of damage, such as frayed wires or bent connectors. Do not use if damaged.

## TROUBLESHOOTING

**Charger not powering on (LED not lit):**

- Ensure the charger is fully and securely inserted into the cigarette lighter socket. A loose connection can prevent power delivery.
- Check the vehicle's fuse for the cigarette lighter socket. If the fuse is blown, it will need to be replaced.
- Verify that the vehicle's ignition is on, as some cigarette lighter sockets only receive power when the vehicle is running or in accessory mode.

**Devices not fast charging:**

- Confirm that your device and charging cable support the fast charging protocols (PD3.0, QC3.0, PPS) offered by the Essager charger.
- Ensure you are using a high-quality cable capable of handling fast charging speeds. Low-quality or damaged cables can limit charging performance.
- If charging two devices simultaneously, the total power output is shared. For maximum speed on a single device, disconnect the other device.

**Charger feels warm during use:**

- It is normal for the charger to become warm during high-power charging, especially when utilizing its full 100W output. The all-aluminum shell is designed to dissipate heat efficiently.
- If the charger becomes excessively hot or emits a burning smell, immediately disconnect it from the vehicle and discontinue use. This could indicate an internal fault or an issue with the vehicle's power system.

**Charger is loose or disconnects on bumpy roads:**

- The charger features reinforced anti-slip shrapnel designed for a secure fit. Ensure it is pushed in firmly until it clicks or feels stable.
- Verify that the cigarette lighter socket in your vehicle is clean and free of debris that might obstruct a proper connection.

## SPECIFICATIONS

Feature	Detail
Brand	ESSAGER
Model Number	F698
Total USB Ports	2 (1x USB Type A, 1x USB Type C)
Wattage	100W (Max Combined Output)
USB-C Output	Up to 65W (PD3.0/QC4.0+/PPS)
USB-A Output	Up to 35W (QC3.0)
Input Voltage	12-24 Volts
Shell Material	Aluminum Alloy
Special Features	Fast Charging, Lightweight Design, Short Circuit Protection, Travel-friendly

Safety Protections	Temperature Protection, Over-Current, Over-voltage, Overcharge, Overload, Overheat, Short circuit
Item Weight	1.76 ounces
Package Dimensions	5.04 x 2.99 x 1.54 inches

# Multi-Protocol Support

## Real PD3.0 + QC3.0

USB-C Port Compatibility:

**PD3.0/QC4.0+/PPS/PD2.0/QC3.0/QC2.0/AFC**  
**FCP / DCP / BC1.2 / Apple 2.4A, etc.**



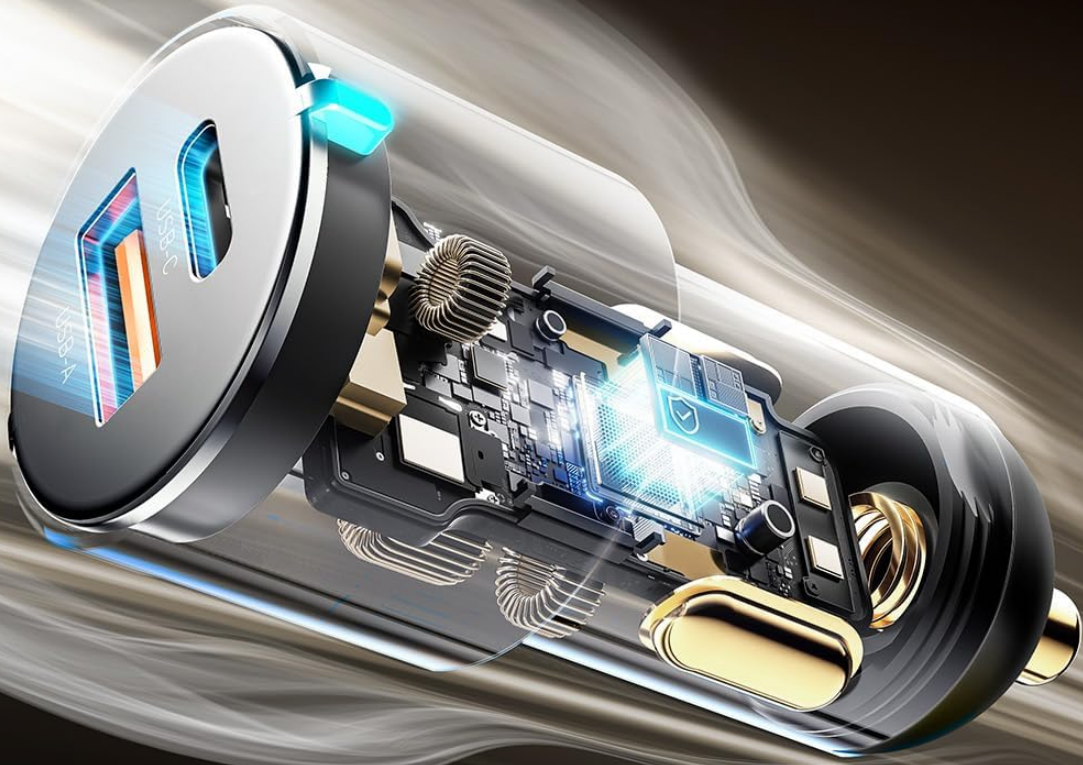
USB-A Port Compatibility:

**QC3.0 / QC2.0 / AFC / FCP / SCP / DCP**  
**BC1.2 / Apple 2.4A, etc.**

The charger's internal structure, showcasing its intelligent control chipset and multi-layer protective mechanisms.



# Latest Certified Security Chips



Incorporating a built-in power management chip and multi-layer protective mechanisms for safe, efficient, and durable charging during your journeys.

- ✓ Overcharge Protection
- ✓ Overload Protection
- ✓ Short Circuit Protection

- ✓ Overcurrent Protection
- ✓ Overtemperature Protection
- ✓ Overvoltage Protection

Illustration of the durable, melt-resistant aluminum alloy shell designed for effective heat dissipation.

## COMPATIBILITY

The Essager 100W USB C Car Charger offers wide compatibility with various devices and vehicle types:

### Compatible Devices:

- **Cellular Phones:** iPhone 15/15 Plus/15 Pro/15 Pro Max, iPhone 14/14 Plus/14 Pro/14 Pro Max, iPhone 13/13 Mini/13 Pro/13 Pro Max, iPhone 12/12 Mini/12 Pro/12 Pro Max, iPhone 11/11 Pro/11 Pro Max, Samsung

Galaxy S24/S23 Ultra (supports 25W PPS)/S23+/S23/S22

Ultra/S22+/S22/S21Ultra/S21+/S21/S20Ultra/S20+/S20, Huawei, Google Pixel (e.g., Pixel 6 pro/6/5), Xiaomi, and other USB-C/USB-A compatible smartphones.

- **Tablets:** iPad, iPad Pro, iPad Air, iPad Mini, Samsung Galaxy Tab S9/S9/S7, Huawei Matapad Series.
- **Laptops:** MacBook Pro, MacBook Air, MacBook 12-inch, Microsoft Surface Go.
- **Other USB Devices:** AirPods Series, Nintendo Switch, GoPro 7/6/5, GPS devices, Dash cameras, Driving recorders, Portable power banks, Car vacuum cleaners, and other car electric appliances.

## Vehicle Compatibility:

- Compatible with 12-24V cars, trucks, RVs, and other vehicles with a standard cigarette lighter socket.

*Note: This product does not support Xiaomi Turbo Charging. Before making a purchase, please compare your vehicle's cigarette lighter socket dimensions with the product specifications to ensure proper fit.*

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official ESSAGER website or contact the seller directly through your purchase platform. Keep your proof of purchase for any warranty claims.

Manufacturer: Shenzhen Huachuangzhibo Technology Co., LTD

Seller: bingchuansheji