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acegoo ACE-CHR-24-D-A-2

acegoo 24W USB C Car Charger Instruction Manual

Model: ACE-CHR-24-D-A-2

1. Introduction

Thank you for choosing the acegoo 24W USB C Car Charger. This aluminum fast-charging 12V USB outlet is designed to provide efficient and reliable power for your devices in various vehicles. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and safety.



Image: The acegoo 24W USB C Car Charger, a compact and efficient charging solution.

2. Safety Information

- Ensure the input voltage is within the specified 12V-24V range.
- Do not expose the device to excessive moisture or extreme temperatures.
- Avoid disassembling or modifying the charger, as this may void the warranty and pose safety risks.
- Always connect the charger to a fused power source to prevent electrical damage.
- The intelligent circuit design protects against short circuiting, over-heating, over-currents, over-voltage, over-charging, and electrical surge. Charging automatically stops when devices are fully charged.



Image: Visual representation of the enhanced safety features including over-voltage, over-temperature, and over-current protection.

3. Product Features

- **Efficient Charging:** Equipped with PD3.0 Type-C and QC 3.0 USB-A ports, each delivering up to 24W for fast charging.
- **Durable Construction:** Crafted from robust aluminum for superior heat dissipation and longevity.
- **Universal Compatibility:** Supports iOS, Android, and other USB-powered devices. Compatible with 12V-24V vehicles.
- **Recessed Mount Design:** Offers a clean, modern look with easy installation into a 7/8" hole.
- **No-Backlight Design:** Minimizes light pollution and ensures low standby power consumption.

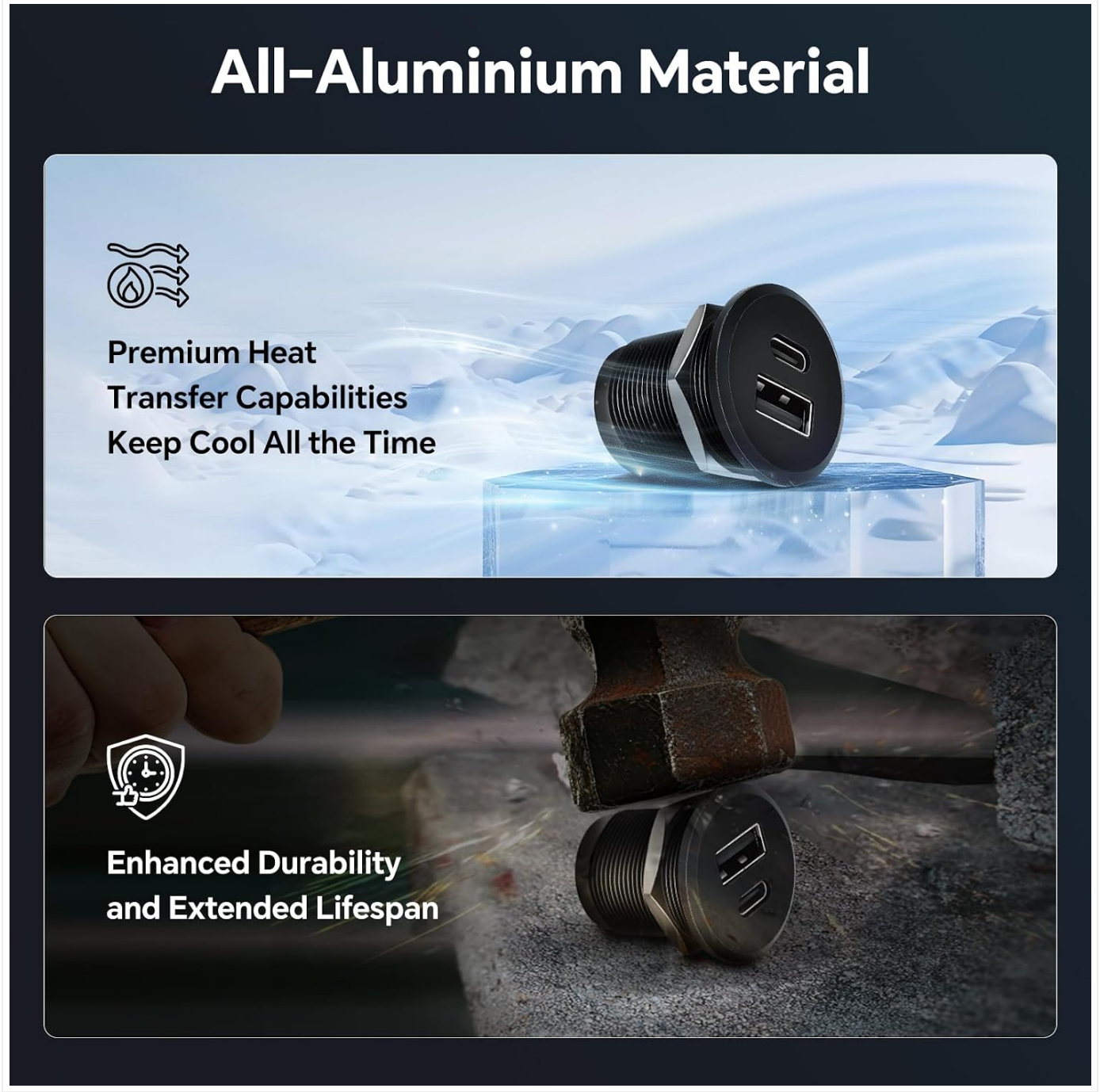


Image: Illustrates the all-aluminum construction, highlighting premium heat transfer capabilities and enhanced durability.



Image: The charger's no-backlight design, ensuring no light pollution and low standby power.

4. Package Contents

Verify that all items are present in your package:

- acegoo 24W USB C Car Charger (2 units for this model)
- User Manual

5. Setup and Installation

The acegoo USB C Car Charger is designed for recessed mounting. Follow these steps for installation:

1. **Prepare Mounting Surface:** Choose a flat surface in your vehicle (RV, boat, car, etc.) where you wish to install the charger. Ensure there is sufficient space behind the surface for wiring.
2. **Drill Hole:** Drill a 7/8" (23mm) diameter hole in the chosen mounting surface.

3. **Wiring:** Connect the red wire to the positive (+) terminal of your 12V-24V power source and the black wire to the negative (-) terminal. Ensure connections are secure.
4. **Insert Charger:** Insert the charger into the drilled hole.
5. **Secure Charger:** Depending on the type of installation (Type I or Type II), secure the charger using the provided screw nut or mounting screws. For Type II, thread the screw nut onto the back of the charger and tighten it against the mounting surface.



Image: Diagram showing the recessed mount installation process, including drilling a 7/8" hole.

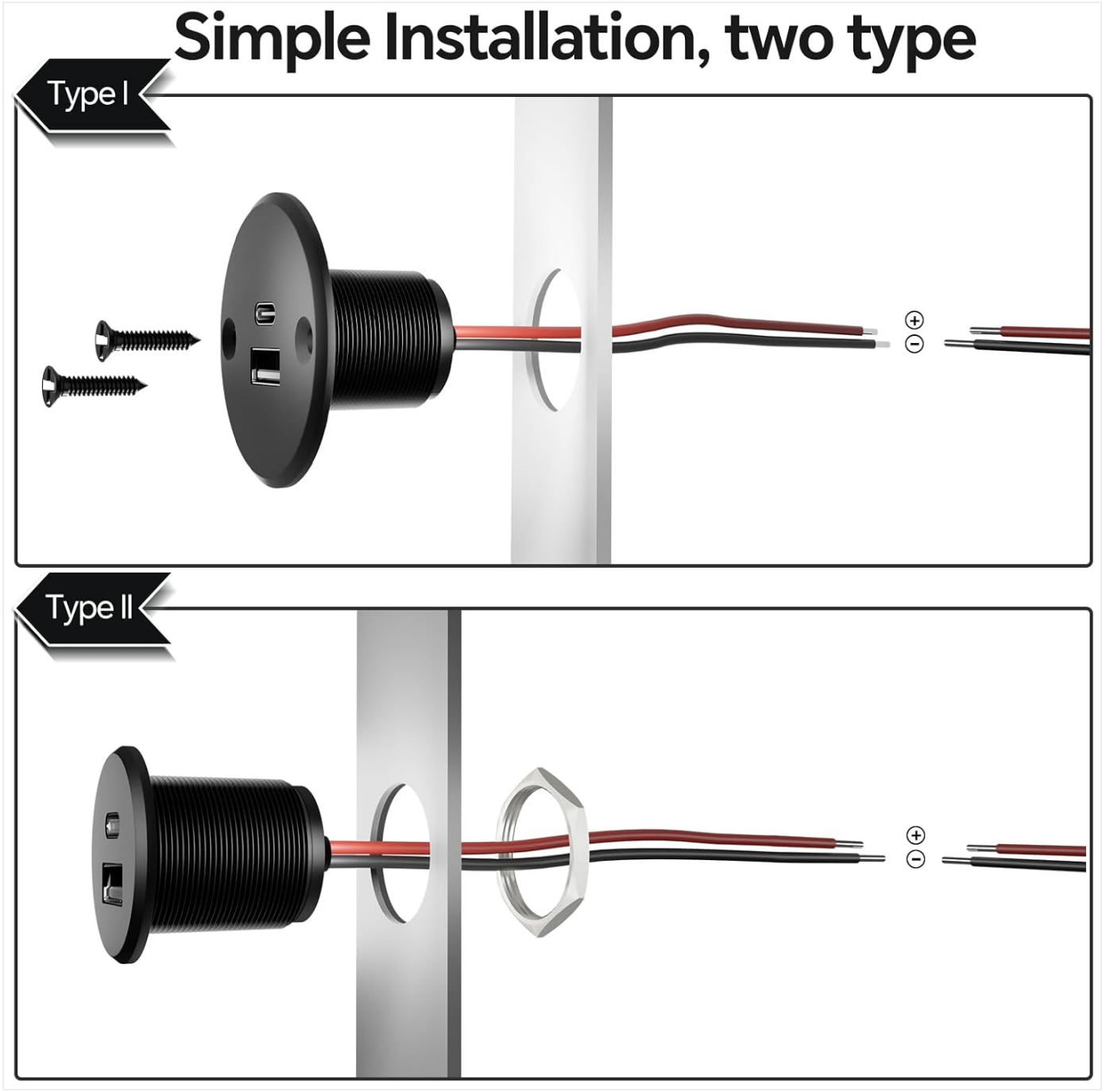


Image: Two types of simple installation methods for the acegoo USB charger, illustrating wiring and mounting options.

Installation Video Guide

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Video: A demonstration of the RV Outlet Display, showing the physical product and its installation process.

6. Operating Instructions

Once installed, the acegoo USB C Car Charger is ready for use:

1. **Connect Device:** Plug your USB-C or USB-A charging cable into the corresponding port on the charger.
2. **Begin Charging:** Connect the other end of the cable to your device. The charger will automatically detect your device and begin charging at the optimal speed.
3. **Fast Charging:** Both PD3.0 Type-C and QC 3.0 USB-A ports support fast charging protocols, delivering up to 24W per port.
4. **Compatibility:** The charger is compatible with a wide range of devices including iPhones, iPads, Samsung Galaxy series,

Google Pixel series, laptops, smartwatches, and e-readers.



Image: Illustrates the upgraded technology for quick charging, showing a phone connected to the 24W USB C port.



Image: Demonstrates the charger's compatibility with various 12V-24V vehicles, including vans, RVs, trucks, and boats.

Function Display Video

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Video: A display of the 12V RV Outlet's functions, showcasing its features and operation.

7. Maintenance

- **Cleaning:** Use a dry, soft cloth to clean the surface of the charger. Do not use liquid cleaners or abrasive materials.
- **Inspection:** Periodically check the wiring and connections for any signs of wear or damage.
- **Storage:** If not in use for an extended period, ensure the charger is disconnected from the power source.

8. Troubleshooting

Problem	Possible Cause	Solution
Device not charging	Loose connection, no power to outlet, faulty cable, incompatible device	Check all connections. Verify vehicle's 12V-24V power is active. Try a different charging cable. Ensure device is USB-powered.
Slow charging speed	Cable quality, device not supporting fast charge, multiple devices connected to dual-port output	Use a high-quality, fast-charging compatible cable. Confirm your device supports PD3.0 or QC3.0. For optimal performance with high-power devices, use a single USB-C port.
Charger is hot	Normal operation, excessive load, poor ventilation	Some warmth during operation is normal. Ensure the charger is not covered. If excessively hot, disconnect devices and allow to cool. Check for proper installation and ventilation.

9. Specifications

Specification	Detail
Brand	acegoo
Model Number	ACE-CHR-24-D-A-2
Input Voltage	12-24 Volts DC
Output Wattage	24 Watts (Max per port)
Output Current	2.2 A
Connector Type	USB Type A, USB Type C
Total USB Ports	2 (1x USB-A, 1x USB-C)
Material	Aluminum
Mounting Type	Recessed Mount
Drill Hole Size	7/8" (23mm)
Item Weight	0.06 kg
Certification	CE

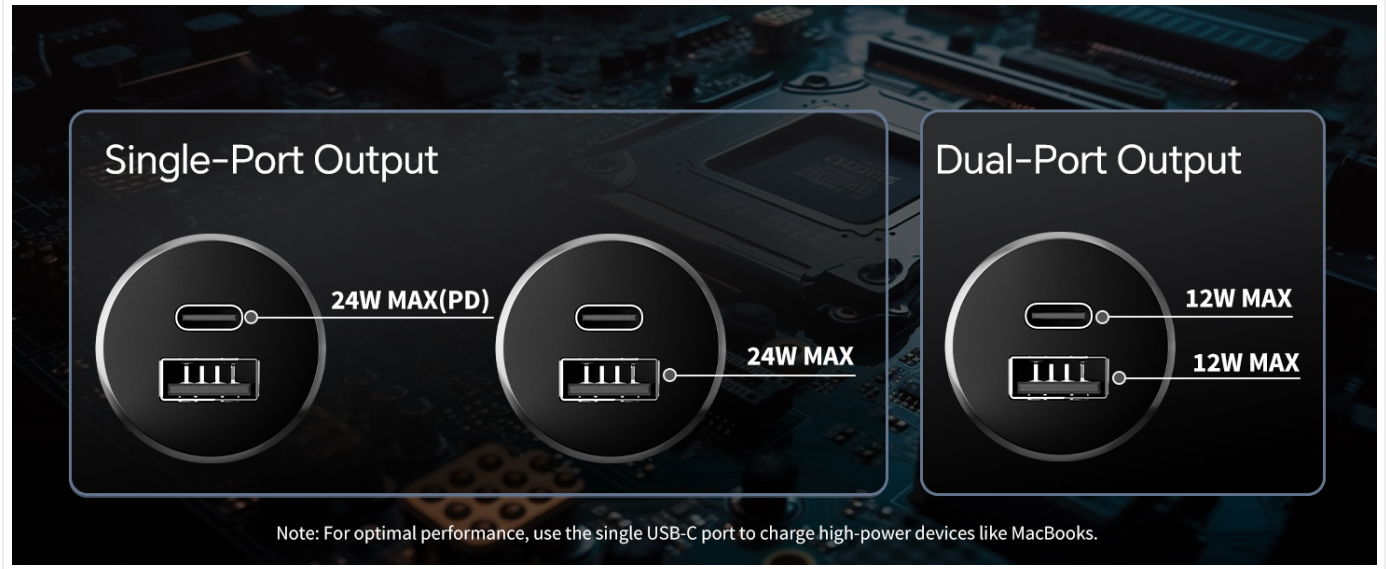


Image: Diagram illustrating single-port and dual-port power distribution, showing 24W max for single-port and 12W max per port for dual-port output.

10. Warranty and Support

The acegoo 24W USB C Car Charger comes with a **3-year manufacturer's warranty**, ensuring quality and reliability. For any questions, technical assistance, or warranty claims, please contact acegoo customer service directly. acegoo is committed to providing 24-hour after-sales support.

For more information or to contact support, please visit the official acegoo store on Amazon:acegoo Store



Image: Information regarding 24-hour customer service, 30-day exchange and return policy, and 3-year after-sales warranty.

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