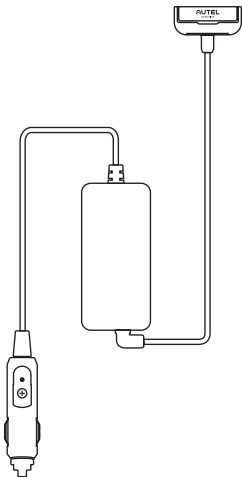


# EVO II Series

## Car Charger Guidelines



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## **Disclaimer**

Please closely follow the steps in these instructions in order to ensure safe and successful operation of your car charger. Children must remain under adult supervision when using the car charger. Keep the car charger out of the reach of children when it is not in use.

If the customer fails to follow safety instructions, Autel Robotics is not liable for and provides no warranty coverage for any product damages that occur during use, be they direct or indirect, legal, special, incidental, or economic (including but not limited to loss of profits). Do not use unapproved components or attempt to modify the aircraft in any way inconsistent with the instructions in the official aircraft documentation.

These safety instructions will show you how to get started safely with your car charger. Only you can ensure that you use your car charger securely and never jeopardize the safety of yourself, other people, or their property.

## **Introduction**

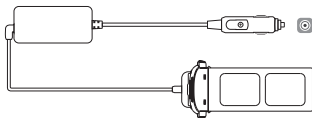
This Car Charger is used to charge the aircraft battery through a car's cigarette lighter socket. The Car Charger provides an extra USB port,

which allows you to charge your remote control at the same time. This charger is designed with under-voltage protection, ensuring the car has enough voltage for starting. In addition, overheating protection of the charger will automatically stop battery charging if the temperature of the cigarette lighter socket exceeds a certain value.

## Using the Car Charger

Follow the steps below to charge your aircraft battery and remote control:

- (1) Connect one end of the car charger to your car's cigarette lighter socket and the other end to the aircraft battery, as shown in the following figure.



- (2) If you want to charge your remote control, use a USB cable to connect the USB port on the car charger with the remote control. During charging, the LED indicator status is as follows:
  - The LED indicator on the car charger turns solid red.
  - The LED indicators on the aircraft battery blink green.
  - The LED indicator on the remote control blinks green if the remote control is powered on. If the remote control is powered off, the LED indicator turns solid red.
- (3) Disconnect the car charger from the cigarette lighter socket when the battery is fully charged. When the battery is fully charged, the LED indicator status is as follows:
  - The LED indicators on the aircraft battery turn off.
  - The LED indicator on the remote control is solid green regardless of whether the remote control is powered on or not.

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### **⚠ Warning**

- Do not cover the car charger during charging to ensure well heat dissipation.
  - Always place the car charger in a stable and safe place.
  - Use the car charger when the car engine is working to attain better charging performance.
  - During battery charging, if the car charger is loose from the cigarette lighter socket or you reconnect the car charger to the cigarette lighter socket, disconnect the battery from the car charger and then reconnect it to the car charger. Otherwise, battery charging may fail.
  - Do not touch the metal part of the car charger or the cigarette lighter socket when you plug the car charger out from the cigarette lighter socket. The metal part may be hot and cause scalds.
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## **Specifications**

Model	MDC_V_CHR
Operating Temperature	5~40°C (41~104°F)
Input Voltage	12.5 V to 17.2 V Only common family-use vehicles are supported.
Output	Main output: 13.2 V, 5 A USB port output: 5 V, 3.0 A; 9 V, 2 A; 12V, 1.5 A
* Time Required for a Full Charge	90 min

\* This time is an experimental value obtained in a lab environment at room temperature, and the actual time required for a full charge varies depending on the ambient temperature.