



# Phase 3

Made in China

# 12V DC INPUT FAST CHARGER OPERATING GUIDE

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Product Number PH109018

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## WARNINGS - PLEASE READ BEFORE USE

- Do not attempt to disassemble the charger.
- Do not modify the 12V socket input connector.
- Do not block the cooling holes and vent slots during the charging or discharging process. Do not set the charger on carpet during the charging process.
- Your vehicle can be running during the charging process, but start your vehicle first to prevent any power surge that could damage the charger.
- If the battery becomes hot to the touch, unplug it from the charger immediately.
- Do not allow children to use the charger without adult supervision.
- Never leave the charger connected to a power source when not in use.
- Always allow the battery to completely cool before recharging it.
- Never leave the battery unattended during the charging process.
- Always discharge the battery before recharging it.

## DIRECTIONS FOR USE

### Using the 12V DC Input Fast Charger - Charge Method:

- 1) Plug the 12V socket connector into your vehicle's cigarette lighter or 12V power socket.
- 2) Plug the battery into the charger. **As a safety feature, the connectors can only be plugged in one way.**
- 3) When the battery is plugged in, the LED will be solid red, indicating that the battery is charging. **You do not need to press the button to begin charging.**
- 4) Allow the battery to charge. When the LED turns solid green, the charging process is complete and the charger switches to a 27mAH output trickle mode. At this point, you should remove the battery from the charger.



### Using the 12V DC Input Fast Charger - Discharge Method:

- 1) Plug the 12V socket connector into your vehicle's cigarette lighter or 12V power socket.
- 2) Plug the battery into the charger. **As a safety feature, the connectors can only be plugged in one way.**
- 3) When the battery is plugged in, the LED will be solid red, indicating that the battery is charging. Press the button once to begin the discharge process. The LED will blink green, indicating that the battery is discharging. Once the battery is safely discharged, the charger will automatically charge the battery, indicated by a solid red LED.
- 4) Allow the battery to charge. When the LED turns solid green, the charging process is complete and the charger switches to a 27mAH output trickle mode. At this point, you should remove the battery from the charger.



## TROUBLESHOOTING

### 12V DC Input Fast Charger Has No Power:

- 1) Make sure that there is power to your cigarette lighter or 12V power socket. You may need to turn your vehicle's ignition to the "accessory" position.
- 2) The charger's in-line fuse has blown. To replace the fuse, unscrew the cap from the tip of the 12V socket connector, remove the old fuse and install a new fuse, then reinstall the cap. Two replacement fuses have been included with your charger. **The charger uses a 2.5A fuse.**



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