

## HZPOWEN magnifier-58

# HZPOWEN 12V Car DC Power Cord User Manual

Brand: HZPOWEN | Model: magnifier-58

## 1. INTRODUCTION

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This user manual provides essential information for the safe and effective use of your HZPOWEN 12V Car DC Power Cord. This replacement power adapter is specifically designed for compatibility with various Igloo thermoelectric coolers, including Igloo Cool Chill, Igloo Kool Mate, and Igloo Iceless TE models. It features an extra-long 8ft cord for convenience and includes a power indicator light.

### Key Features:

- **Broad Compatibility:** Designed to fit Igloo Cool Chill, Igloo Kool Mate, and Igloo Iceless TE Thermoelectric Coolers.
- **Extended Length:** Features an extra-long 8ft power cord for flexible placement.
- **Power Indicator:** Equipped with a light to indicate when power is being supplied.
- **Safety Certified:** HZPOWEN products are CE / FCC / RoHS certified, ensuring high quality and safety standards.
- **Spare Fuse Included:** Comes with an extra fuse for convenient replacement.

## 2. PRODUCT OVERVIEW

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A black 12V car DC power cord, coiled and secured with a cable tie, featuring a car cigarette lighter plug on one end and a two-pin connector on the other.



The 12V car DC power cord shown alongside an Igloo thermoelectric cooler, demonstrating how the cord connects to the cooler for power.



**FREE: Fuse Tube**



The power cord displayed with a small, clear glass fuse, indicating that a spare fuse is provided for replacement.



A detailed view of the black power cord, neatly coiled and held together by a reusable cable tie, highlighting the cable's texture and flexibility.



A close-up shot of the two-pin connector end of the power cord, showing the gold-colored electrical contacts designed for specific cooler models.





A detailed image of the car cigarette lighter plug, featuring its metallic tip and side contacts, with a small red indicator light visible.

### 3. SETUP

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#### Connecting the Power Cord:

1. Ensure your Igloo thermoelectric cooler is turned off before connecting the power cord.
2. Locate the 12V DC input port on your Igloo cooler. This is typically a two-pin receptacle.
3. Align the two-pin connector of the HZPOWEREN power cord with the cooler's input port. Gently push the connector firmly into the port until it is fully seated.
4. Locate the 12V DC accessory outlet (cigarette lighter socket) in your vehicle.
5. Insert the car cigarette lighter plug end of the power cord into the vehicle's 12V DC accessory outlet. Push it in firmly until it clicks into place.
6. Once connected, the power indicator light on the car plug should illuminate, indicating that power is being supplied to the cooler.

**Note:** Always ensure a secure connection to prevent intermittent power supply or damage to the cord or cooler.

### 4. OPERATING INSTRUCTIONS

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The HZPOWEREN 12V Car DC Power Cord is designed for simple plug-and-play operation. Once properly connected to your vehicle's 12V DC accessory outlet and your compatible Igloo thermoelectric cooler, it will provide the necessary power for the cooler to function.

## Power Indicator Light:

The car cigarette lighter plug features a small red LED indicator light. This light will illuminate when the plug is correctly inserted into a live 12V DC accessory outlet and receiving power. If the light does not illuminate, check the connection, the vehicle's accessory outlet, or the fuse within the plug (refer to the Troubleshooting section).

## 5. MAINTENANCE

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### Care and Storage:

- Keep the power cord clean and free from dust and debris.
- Avoid kinking, twisting, or sharply bending the cord, especially near the connectors, to prevent internal wire damage.
- Store the cord in a cool, dry place when not in use. The included cable tie can be used to keep the cord neatly coiled.
- Do not expose the cord to extreme temperatures or direct sunlight for prolonged periods.

### Fuse Replacement:

The car cigarette lighter plug contains a replaceable fuse to protect the cord and connected device from power surges. If the power indicator light does not illuminate and the cooler is not receiving power, the fuse may need replacement.

1. Unplug the power cord from both the vehicle's accessory outlet and the cooler.
2. Unscrew the tip of the car cigarette lighter plug.
3. Carefully remove the old fuse.
4. Insert the new fuse (a spare is included with your purchase). Ensure it is the correct type and rating (typically 10A or 15A, check the original fuse for exact specifications).
5. Screw the tip back onto the plug securely.
6. Reconnect the power cord and check if the power indicator light illuminates.

## 6. TROUBLESHOOTING

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If you encounter issues with your HZPOWEN 12V Car DC Power Cord, refer to the table below for common problems and solutions.

| Problem                                       | Possible Cause   | Solution  |
|---|--|---|
| No power indicator light / Cooler not working | Loose connection<br>Blown fuse in plug<br>Vehicle's accessory outlet is not active<br>Cooler issue | Ensure both ends of the cord are firmly plugged in.<br>Replace the fuse in the car plug (see Maintenance section).<br>Check if the vehicle's ignition is on or if the outlet requires a separate switch. Test with another 12V device.<br>Test the cooler with a different known-working 12V power source if available. |
| Cord gets warm during use                     | Normal operation<br>Overload or short circuit  | Slight warmth is normal. If it becomes excessively hot, unplug immediately.<br>Ensure the cooler's power draw does not exceed the cord's rating. Check for any visible damage to the cord or cooler.  |

| Problem                      | Possible Cause                                | Solution  |
|------------------------------|---|---|
| Intermittent power to cooler | Loose connection<br>Damaged cord or connector | Ensure connections are secure and stable.<br>Inspect the cord for cuts, frayed wires, or bent pins on the connectors. Replace if damaged. |

## 7. SPECIFICATIONS

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| Attribute      | Value   |
|----------------|---|
| Brand          | HZPOWEN   |
| Model Number   | magnifier-58  |
| Input Voltage  | 12 Volts DC   |
| Input Current  | 3.33 Amps   |
| Cord Length    | 8 feet (approx. 2.4 meters)   |
| Connector Type | Male-to-Male (Car Cigarette Lighter Plug to 2-pin Cooler Connector) |
| Color          | Black   |
| Item Weight    | 2.82 ounces (approx. 80 grams)                                      |
| Certifications | CE / FCC / RoHS   |

## 8. WARRANTY AND SUPPORT

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HZPOWEN products are manufactured to high-quality standards. For specific warranty information or technical support, please refer to the product packaging or contact HZPOWEN customer service directly through their official channels. Keep your purchase receipt as proof of purchase for any warranty claims.