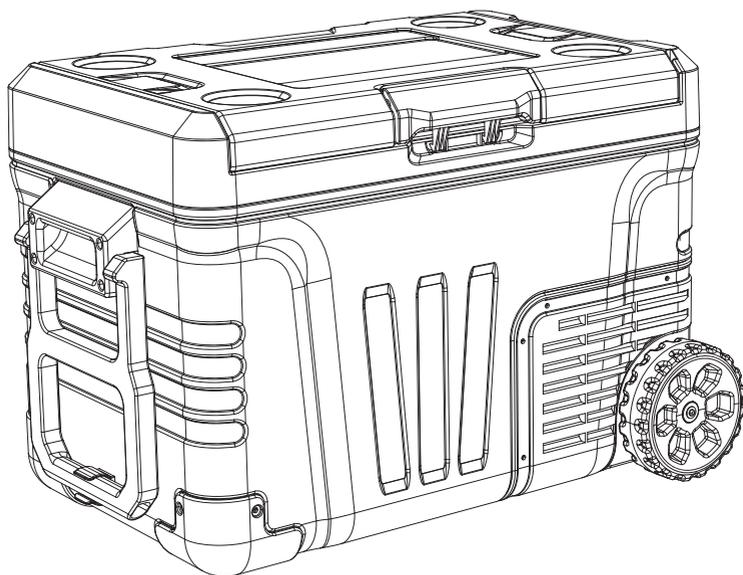


# CF003-35/CF003-50 CAR REFRIGERATOR

## User Manual

SKU: CF003-35BL-USZX/CF003-50BL-USZX



[support@homyd.com](mailto:support@homyd.com)



1-833-632-0897



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# IMPORTANT SAFETY INSTRUCTIONS

Before you use your vehicle refrigerator and freezer unit, please read this owner's manual carefully. Use this appliance only for its intended purpose as described in this owner's manual.

-suitable for camping use;

-this appliance shall not be exposed to rain. -WARNING:

This appliance is intended to be used for household and similar applications such as

- staff kitchen areas in shops, offices, and other working environments;
- farms and by clients in hotels, motels, and other residential-type environments;
- bed and breakfast environments;
- catering and similar non-retail applications.

1. **Do not** use an extension cord as this can negatively affect the performance of the unit. If you must use an extension cord, use 18AWG minimum size and rated no less than 1875 watts.
2. When transporting the refrigerator, keep the unit in a upright position.
3. **DO NOT** tilt the appliance beyond 30° or place the unit upside down. **DO NOT** tip over.
4. **Do not** touch the cooled surfaces while the appliance is in operation, especially not with wet hands as skin may stick to the cold surfaces.
5. It is recommended that the refrigerator be positioned away from any combustible sources such as gas, petrol, alcohol, lacquer, or oils. The aforementioned objects should not be stored in the refrigerator under any circumstances.
6. If the unit fails to cool properly, dispose of spoiled food as needed.
7. Unplug your unit before cleaning or making any repairs. **NOTE:** If for any reason this appliance requires service, we strongly recommend that a certified technician perform the service. Repairs made by non-qualified personnel will void the warranty.
8. **Do not** defrost the appliance with another electric device (hair dryer, etc.), and never scrape the ice or frost layer with sharp tools. **warning:** Do not damage the refrigerant circuit.
9. This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have gotten supervision or instruction in the use of the appliance, by a person responsible for their safety.
10. Children should be supervised to ensure that they do not play with the appliance.

10. **Do not** run cord over carpeting or other heat insulators. **Do not** cover the cord. keep cord away from traffic areas and do not submerge in water. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
11. Repair or replace immediately all electric service cords that have become frayed or otherwise damaged. **Do not** use a cord that shows cracks or abrasion damage along its length, at the plug or at the connector end.
12. Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
13. **Do not** use a mechanical device or other means to accelerate defrosting, other than those recommended by the manufacturer.
14. **Do not** damage the refrigerant circuit.
15. **Do not** use any other electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
16. **Do not** operate your appliance in the presence of explosive fumes.
17. **Do not** use a flame or fire near the unit.
18. Risk of Fire or Explosion. Dispose of property in Accordance with Federal and Local Regulations. Flammable Foaming Material used.

## **WARNINGS**

- **Do not** operate the cooling device if it is visibly damaged.
- If the power cord of the cigarette lighter or AC/DC adapter is damaged, it must be replaced by customer service in order to prevent safety hazards.
- Never pull the power cord to disconnect the unit from an outlet. Grasp the plug or connector directly and pull it from the outlet.
- Keep the power cord away from heated surfaces.
- This appliance may only be repaired by qualified personnel; improper repair can lead to considerable danger.
- Cleaning and user maintenance must not be carried out by children without supervision.
- Children must be supervised to ensure that they do not play with the cooling device.
- Always keep and use the appliance away from children under 8 years of age.

- **Do not** store any explosive substances such as spray cans with a flammable propellant in the cooling device.
- Avoid placing the appliance near an external heat source or direct sunlight and do not expose this appliance to rain or excessive moisture.
- Close the appliance lid immediately after adding contents to maintain the internal temperature of the unit.
- **DO NOT** turn the appliance upside down, on its side, or 30° or more off level.
- Make sure the appliance is placed on a strong, solid, level surface on a floor or in a vehicle.
- When positioning the appliance, ensure that there is at least a 6" clearance around the unit. This will allow for adequate ventilation of heat from the unit's compressor.
- **Do not** pour water or beverages directly into the unit; use only to cool canned or bottled drinks and packaged foods.
- Prior to any use, be sure that the electric supply's voltage is correct. When using outdoors, if the appliance is connected to a storage battery, the positive and negative poles must be correctly connected.
- After transporting or moving the unit or for first use, please wait for at least four hours to plug in the unit.
- Make sure to lock the door of the cabinet with the lock hook to avoid leaving the door ajar when the unit is running, to prevent cooling leakage and save energy.
- **Do not** move the unit while running, and do not operate the unit on an uneven surface, which will produce vibration and noise.

## **Risk of Fire or Explosion-Flammable Refrigerant Used**

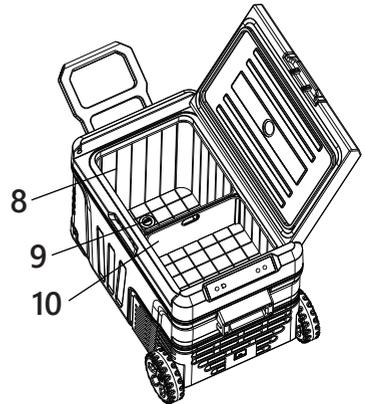
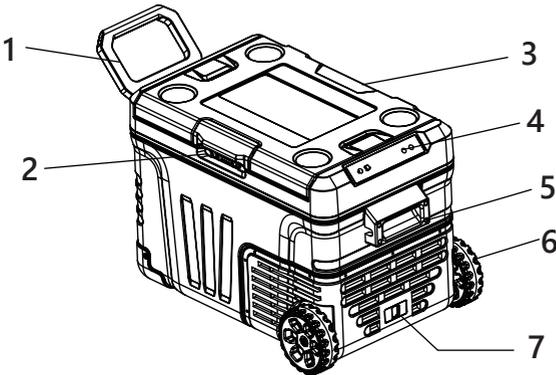
*Dispose of the unit in accordance with federal or local regulations. Follow all handling instructions to ensure safe handling.*

- **DO NOT** use mechanical devices to defrost the refrigerator.
- **DO NOT** puncture the refrigerant lines.

Repairs must be performed by trained personnel.

# KEY COMPONENTS AND STRUCTURE

- ① Pull Rod
- ② Door Lock Hook
- ③ Door
- ④ Operation Panel
- ⑤ Handle
- ⑥ Casters
- ⑦ DC Power Inlet
- ⑧ Basket---Compressor Cooling Vent
- ⑨ Water Drain Cap-- Drain Plug
- ⑩ Divider Plate



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## Accessories

- DC Cable
- AC Cable and Adapter

# SETTING UP AND POWERING YOUR REFRIGERATOR

## Connecting the Power Supply

- Locate the DC power cord in the box. Connect the DC plug to the refrigerator power outlet.
- Place the refrigerator in the back of the car, on the seats, or in other suitable locations.
- Arrange the power cords according to the interior space of your vehicle. Insert the cigarette lighter plug (one end of the power cord) into the car's cigarette lighter socket.

### Note:

If the unit is brought in from outside during the winter, give it a few hours to warm up to room temperature before plugging it in.

## Power Supply Options

- The refrigerator can be connected to multiple power sources.
- It can be directly connected to a 14.5V DC power supply.
- An AC adapter must be used for a 100-240V AC power supply.

## CAR BATTERY PROTECTION: VOLTAGE REFERENCE

- The built-in Eco electronic control module automatically monitors your car battery's voltage, preventing the battery from draining or interfering with the car's ability to start.

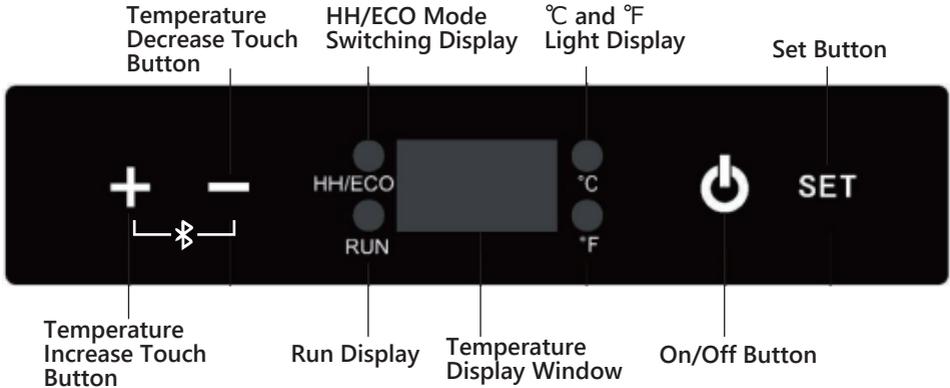
Voltage	Factory Default Protection Value H Level		
	H3 - High Level	H2 - Medium Level	H1 - Low Level
12V	11.2V OFF, 12.4V ON	10.2V OFF, 11.4V ON	9.6V OFF, 10.9V ON
24V	24.1V OFF, 25.2V ON	22.3V OFF, 23.7V ON	21.3V OFF, 22.7V ON

### Note:

When the refrigerator is operating, "off" or "on" indicates the status of the compressor (whether it is stopped or started).

When the product is connected to a car power source, the **High-level setting (H3)** should be used. **H2 or H1 (Medium or Low Level)** should be set when connected to a portable battery or other backup battery.

# HOW TO OPERATE THE CAR REFRIGERATOR



## On/Off Button

Press the button to turn on the fridge  
Press and hold the button for 3 seconds to turn the fridge off.

## Set Button

Press and hold the button for 3 seconds to enter the internal advanced parameter program;

**Battery Protection Setting:** When the refrigerator is turned on, press and hold the Set button for 3 seconds to enter the Battery Protection setting. The temperature display window will flash H1, H2, H3. Press the + or - button during flashing to select between H3, H2, and H1 (high, medium, and low). The chosen setting will flash for 5 seconds, then save and exit.

*\*The default battery protection level is H2.*

**HH and ECO mode:** While the temperature display window will flash H1, H2, H3, press the button to flash between HH and ECO mode, and use the + or - button to change the compressor mode.

**HH mode:** The compressor runs at normal speed to lower the temperature.

**ECO mode:** The compressor runs at a slower speed to conserve energy.

**Temperature Unit Change:** While the compressor running mode HH or ECO is flashing in the display window, press the Set button, and the °C or °F will begin to flash; use the + or - button to change the temperature unit between °C and °F.

*\* If no button is pressed for about 10 seconds, the unit will automatically exit the above-advanced parameter set program.*

## Temperature Increase Touch Button

Press the button once to increase the set temperature by 1 degree.  
Press and hold the button to increase the temperature rapidly.

## Temperature Decrease Touch Button

Press the button once to decrease the set temperature by 1 degree.  
Press and hold the button to decrease the temperature rapidly.

\*The current compartment temperature is displayed, and it takes some time to reach the set temperature.

\*Temperature range: The temperature can be set at -20°C -20°C (-4°F -68°F).

### HH/ECO LED Light

This is a two-color light: **GREEN** means ECO compressor running mode, and **RED** means HH compressor running mode.

### RUN LED Light

This is a two-color light: when the fridge is off-state with DC power on, it will be **RED**;  
When the fridge is turned on and the compressor is running, it will be **GREEN**.  
When the fridge is on, and the compressor is not running, the light is off.

### °C and °F LED Light

Temperature unit light, display Centigrade or Fahrenheit selected.

### Defrosting the unit

If you set the unit to freezing mode at a low temperature, ice will accumulate on the inner wall of the storage compartment when running the unit for a long time. When the ice is more than ¼" thick, the unit needs to be defrosted to improve its cooling efficiency. Follow the steps below to remove the ice:

1. Turn off the unit and disconnect the DC supply from the DC power inlet.
2. Remove all items from the unit.
3. Allow the ice to melt completely.
4. Drain the water by unplugging the water drain cap, then wipe the inner surfaces with a soft, dry cloth to dry the inner wall completely.
5. Plug into the DC supply again to turn on the unit.

### Recommended Temperature For Common Foods

						
Drinks	Fruits	Vegetable	Delicatessen	Wine	Ice cream	Meat
5°C/41°F	5~8°C/41~46°F	3~10°C/37~50°F	4°C/39°F	10°C/50°F	-10°C/14°F	-18°C/0°F

# PREPARING YOUR REFRIGERATOR FOR LONG-TERM STORAGE OR RELOCATION

*If your car refrigerator will not be used for an extended period or needs to be moved to a different location, it's essential to operate and maintain it correctly. Follow the steps below to ensure the correct storage preparation is performed.*

## 1. Cleaning the machine

- **Disconnect the plug:** Always disconnect the DC power plug from the DC power source before cleaning.
- **Clean the machine:** Clean the inside of the unit whenever necessary, using a solution of warm water and baking soda(1 tablespoon to every 2 liters of water). Dry with a soft cloth.
- **Avoid stiff brush:** Do not use a steel brush or harsh detergent to clean the inner liner.

## 2. Maintenance Preparation for long-term storage

- **Empty the machine:** Remove all items from the unit to empty the cooler.
- **Indoor Storage Only:** Place the ice machine on a level surface away from direct sunlight and heat sources (such as stoves, furnaces, and radiators).
- **Shut down the cooler:** Turn off the car refrigerator.
- **Disconnect the plug:** Disconnect the DC power plug from the DC power inlet.
- **Leave a gap:** Leave the door open a little to prevent odor build up.
- **Free of dust:** Make sure that the unit's air inlet and outlet vents are free of dust and dirt.

## 3. Proper Storage

- **Ensure Complete Dryness:** Before storing the fridge, make sure it is completely dry.
- **Cover:** Cover the fridge with a plastic bag to prevent dust from entering.

# HELPFUL TIPS



**Keep a spare battery on hand** to ensure the refrigerator maintains its set temperature in any situation



**To store ice cream, set the refrigerator to the lowest temperature** and keep the power on continuously



**Prevent health risks** by avoiding bottled water deterioration caused by high temperatures.



**Keep fresh or frozen foods safe**—even luxurious seafood—during long trips with your car refrigerator.



**Preserve the freshness of tea leaves** in your car refrigerator to enjoy fresh, delicious tea anytime during your road trip.



The **ideal storage temperature for red wine** is between 50°F and 64°F. Your car refrigerator's precise temperature control ensures proper storage.



**Fruits should not be left in a hot car for more than 2 hours**, even with running air conditioning. However, your car refrigerator can keep fruit fresh for a much longer time.



**Did you know?** The coating on some sunglasses can peel off at high temperatures! Store your sunglasses safely in your car refrigerator.



**Cosmetics can easily melt or spoil at high temperatures.** Keep your makeup and other beauty products fresh and safe in your car refrigerator.

# ERROR CODES

Error Code	Error Type
<i>F1</i>	Low input voltage
<i>F2</i>	Fan fault
<i>F3</i>	Compressor starting fault
<i>F4</i>	Compressor minimum running speed fault
<i>F5</i>	Overheating of the compressor & electronics
<i>F6</i>	Compressor driving PCB fault
<i>E0</i>	The temperature sensor is short-circuited
<i>E1</i>	The temperature sensor is broken or disconnected
<i>E2</i>	Door is not closed properly, or the air circulation around the unit is blocked

## **F1: Low Input Voltage**

*Issue 1: The refrigerator's power cord was plugged into the cigarette lighter before the car started.*

**Solution 1:** Wait to connect the refrigerator until after the car has started.

*Issue 2: The input voltage of the adapter is too low.*

**Solution 2:** Adjust the battery protection level to "H1" or "H2." If your vehicle's voltage is low, please check the charging system or battery. To prevent draining the battery, avoid prolonged use when the engine is off.

## **F2: Fan Fault**

Check if the ventilation fan is blocked or short-circuited. If the code shows again, contact the after-service team.

## **F3: Compressor starting fault**

Disconnect the device from the power supply for 30 minutes and restart the device. If the code shows again, please contact the service team.

## **F4: Compressor minimum running speed fault**

Move the device to a place with a well-ventilated environment. If the code shows again, please contact the after-service team.

### ***F5: Overheating of the compressor & electronics***

Move the device to a place with a well-ventilated environment. If the code shows again, please contact the after-service team.

### ***F6: Compressor driving PCB fault***

Disconnect the device from the power supply for 30 minutes and restart the device. If the code shows again, contact the after-service team.

### ***E0: Temperature Sensor Wire Disconnected***

Connect or replace the sensor. If you need help, please contact our after-sales customer service team.

### ***E1: The temperature sensor is broken or disconnected***

Re-connect the sensor or replace it with a new sensor. If you need help, please contact our after-sales customer service team.

### ***E2: Door is not closed properly, or the air circulation around the unit is blocked***

Lock the door of the cabinet by checking the door lock hook. Remove the blockage around the unit.

## **CORRECT DISPOSAL OF THIS PRODUCT**



When the unit is taken out of service, its disposal and the handling of its materials must comply with national regulations.

## **1. Why can't the refrigerator maintain a stable temperature?**

Temperature fluctuations are normal due to the compressor cycling on and off and external factors like frequent lid openings, high ambient temperatures, or a heavy load. Ensure proper air circulation around stored items and avoid overloading to maintain optimal performance. Slight temperature variations are expected to help maintain cooling efficiency.

## **2. Can a car refrigerator run 24/7?**

Yes, but turning it off when not in use is recommended to prolong its lifespan. Ensure your vehicle's battery and alternator can support continuous operation and provide adequate ventilation. Enable energy-saving mode if available, adjust temperature settings as needed, and clean the refrigerator regularly.

## **3. How can I extend the lifespan of my car refrigerator?**

To help extend your car refrigerator's lifespan, ensure it's in a well-ventilated area and clean it regularly with a mild detergent. Avoid overloading it, and use a stable power source to prevent strain on the system. Setting reasonable temperatures, pre-chilling items before storing them, and keeping the machine away from direct sunlight or heat sources will also keep it running longer.

## **4. Why doesn't the refrigerator cool efficiently in my car?**

Factors like high ambient temperature, power supply instability, and limited airflow can affect cooling efficiency. Place the refrigerator in a well-ventilated area away from direct sunlight and use a stable power source.

## 5.Can the car refrigerator be placed on its side?

No. The refrigerator should only be placed horizontally and should not be tilted more than 30° for short periods. Sideways placement may damage internal components.

## 6.Can I put ice in the car refrigerator?

Yes, ice can serve as a temporary cooling solution. For best results, we recommend using reusable ice packs or placing ice in a sealed container—never place ice directly inside the unit, as this may cause condensation and frost buildup, reducing cooling efficiency. Please note: This refrigerator is designed for DC-powered cooling, so ice should only be used as a backup option.

For further support, feel free to reach out to the euhomy team support team!



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# TROUBLESHOOTING

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
Car Refrigerator Not Working	Power connection is loose or incorrect (positive and negative terminals reversed)	Ensure the power is securely connected, and check the polarity of the terminals
	Power outlet is malfunctioning	Testing it in other outlets and cigarette lighters
	Power button on the control panel is off	Verify that the power button is turned on
	Obstructed cooling ventilation	Ensure there is no obstruction around the refrigerator's ventilation
	Blown fuse	Check and replace the fuse if necessary
Poor Cooling Performance	Lid not securely closed	Ensure the lid is tightly closed
	Door seal is damaged or deformed	Inspect the door seal for damage and replace if needed
	Insufficient ventilation around the refrigerator	Make sure the refrigerator has enough ventilation space
	Incorrect temperature setting	Set the temperature correctly according to the desired cooling level
	The internal food density is too high and the cold air circulation inside is poor.	Remove some of the food to ensure smooth circulation of cold air inside.
	Power cord unplugged or disconnected	Unplug the refrigerator for 24 hours and then plug it back in to reset

Abnormal Noise	When starting the compressor is slightly noisy	It's a normal phenomenon
	There is "water flow" noise from inside the refrigerator	This is caused by the flow of refrigerant
	Refrigerator not on a level surface	Ensure the refrigerator is placed on a flat, stable surface
	Vibrations from surrounding objects	Check if nearby objects are causing vibrations and move them if necessary
	Loose parts or fallen items inside	Inspect the interior for loose parts and secure them
The inner liner is very cold and the compressor runs continuously.	The ice or frost on the liner wall is too thick.	Unplug the fridge, remove contents, let ice melt naturally (or use hot water to speed up), dry thoroughly, then restart.
	The door is not closed properly or opened too frequently.	The door should remain closed as much as possible and not opened too often.
	The condenser is not well-ventilated.	Place the unit where there is good air circulation.
	The set temperature is too low.	Set the temperature to a higher value.

**If you encounter any issues that cannot be resolved through basic troubleshooting, please contact team for assistance.**

# SPECIFICATION

Specification	Value
SKU	CF003-35BL-USZX CF003-50BL-USZX
Temp Control Range	-20 °C to 20 °C (-4 °F to 68 °F)
Current	DC12/24V OR AC 100~240V( using dedicated adapter)

## Technical Information

SKU	CF003-35BL-USZX	CF003-50BL-USZX
Capacity	35L	50L
Product Dimensions	26.0*17.3*17.1 in	25.8*17.3*21.3 in
Net Weight	31.5 lbs	34.4 lbs
Cryogen	R134a 2.19Oz/62g	R134a 2.72Oz/77g

# WARRANTY POLICY

## 1-Year Limited Warranty

**Toll-Free Call: 1-833-632-0897 Mon to Fri, 9AM - 6PM ( ET )**

**Email: [support@homyd.com](mailto:support@homyd.com)**

Thank you for choosing our products. We provide a 1-Year Limited Warranty for items purchased through our official channels. Please kindly note that this warranty is for the original purchaser and is non-transferable. If you purchase from an unauthorized seller, please get in touch with them directly.

We are committed to ensuring that our products are free from defects in materials and workmanship for one year from the date of purchase, as long as they are used under normal household conditions and maintained according to the User Manual. **Please note that certain conditions and exclusions apply:**

Should you find any defects in the original product or its non-wearable parts, we will be happy to repair or replace the item within one year of purchase. If a replacement is necessary, the warranty period will continue from the original purchase date. Please be aware that normal wear and tear or damage due to mishandling, accidents, or failure to follow instructions are not covered. However, replacement parts are available for purchase. Feel free to contact us for more information.

Please also note that this warranty does not cover damage caused by exposure to liquids or foreign materials, unauthorized repairs or modifications, or use in commercial or non-household environments (unless specified for commercial use).

If you encounter any issues with your product, we are here to help. You can reach us by phone at **1-833-632-0897(US)** or email us at **[support@homyd.com](mailto:support@homyd.com)**. For certain product categories, we also offer the option to upgrade your warranty to our VIP service.

Our friendly phone support team is available from **Monday to Friday, 9 AM - 6 PM (ET)**. To assist you more efficiently, please have your product with you when you call. We aim to respond to emails within 24 business hours. If you don't receive a reply after sending us an email within this time frame, kindly check your spam folder to ensure you don't miss our response.

In addition to the one-year warranty, we also offer lifetime technical support. After the warranty period, service is still available at an additional cost. Please don't hesitate to contact us with any questions or concerns.



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