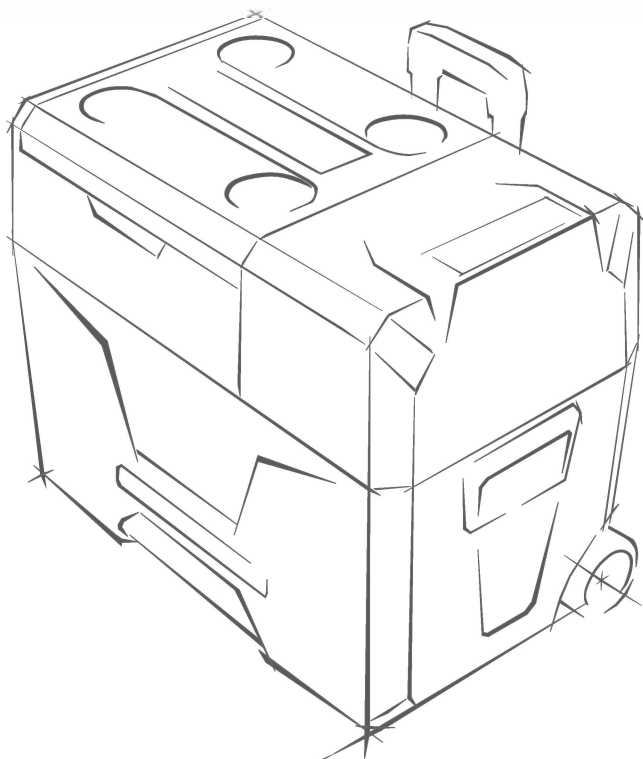


Portable Fridge



OWNER' S MANUAL

USER MANUAL

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Please read this manual carefully before using this product and keep it safe.

1. Features

- High efficiency DC inverter compressor with reliable conversion.
- Fluoride-free insulation with good heat preservation reduces energy consumption.
- 12/24V DC and 110-240V AC power supply for use with car power outlet and home power sources.
- Built-in compressor delay protection.
- Quick cooling to -20°C (based on 25°C ambient temperature).
- Intelligent car battery protection system.
- Dual direction door opening design.
- Digital temperature control.

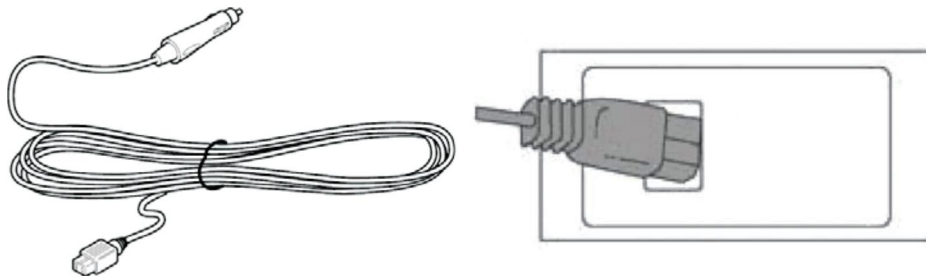
2. Safety Instructions

- STOP the operation and unplug the fridge if the unit is wet. The installation of the DC power source in boat should be handled by the professional.
- Make sure the voltage is within the correct range for socket and cable being used. The technical data label on the side of the unit shows the voltage ranges.
- NO electrical devices inside the refrigerator to avoid damaging the unit.
- During transportation, avoid slope more than 45° and handle carefully.
- This unit requires good ventilation. To achieve the best air circulation, please keep 8" space behind the back and 4" space on each side of the unit at all time for best air circulation:
- The unit must be placed in dry and ventilated place which is far from heat source (such as stove, and flue). Avoid direct sunlight.
- It is recommended to operate the unit on a flat surface. Maximum operational angle is 30°.
- One piece inner tank allows water to be filled. However, DO NOT empty the water by upside down the unit.
- Keep the unit dry after raining. DO NOT soak the unit in the water.
- Although the unit has been cleaned before leaving factory, we strongly recommend to use soft cloth dampened with warm water and a little neutral detergent to clean the unit and wipe it with dry soft cloth for the first use. (Warning: Electrical parts can be wiped by dry cloth only)
- DO NOT sit on top of the fridge.
- DO NOT allow children to stay inside the fridge. It could damage the fridge and seriously injure themselves.

3. The function and operation setting

1. Power supply: 12/24V DC (car power source) or 110-240V AC (with power adapter)


2. Power cable connection



3. Operation setting

ON/OFF: Connect the fridge to the power source; press the ON/OFF button to start the unit and press the ON/OFF button again to shut down the unit.

TEMPERATURE: Press “+” or “-” button to increase/decrease the temperature.

RUNNING MODE: Press  button to enter the running modes:

1. ECO (Energy-saving mode)
2. MAX (Fast cooling mode)

BATTERY PROTECTION SETTING

1. SET the battery protection to H level, when the unit is connected to the car power source.
2. SET the battery protection to M or L level when the unit is connected to the backup battery or wall outlet using power adapter.

To AVOID draining out your car battery, avoid use the fridge after the car engine is off.

4. FAQ

- The appliance is out of working
 - Check the power supply connection
 - Make sure the plug and socket have a good connection
 - Check the fuse if it was blown
 - Check if the unit is turned on
 - Check if the compressor is in delay start protection mode
- The food inside is frozen
 - Adjust the temperature setting to a higher temperature.
- Hear the sound of liquid flowing with the unit
 - It is normal, due to the flow of refrigerant.
- Display F1 code on unit LED display panel
 - Lower power warning.
- Display F2 code on unit LED display panel
 - Fan overload warning, turn off the unit and restart the unit after 30 minutes.
If the F2 is still displayed, please contact the manufacturer customer services.

- Display F3 code on unit LED display panel
 - The compressor protection is activated. Please turn off the unit and restart the unit after 30 minutes. If the F3 is still displayed, please contact the manufacturer customer service.
- Display F5 code on unit LED display panel
 - Compressor controller module protection is activated. Please turn off the unit, keep it at ventilated place and restart the unit after 30 minutes. If the F5 code is still displayed, please contact the manufacturer customer service
- Display F7/F8 code on unit LED display panel
 - Temperature sensor error. Please restart the unit. If the F7/F8 code is still displayed, please contact the manufacturer customer service.

5. DEFROSTING

After the refrigerator been working for a period of time, frost could be seen on surfaces in the freezer. Frost reduces refrigerating effect and increase power consumption. In this case, we recommend you to unplug the fridge and empty fridge. Let the frost melted away. Clean the interior with dry towel.

NOTE: DO NOT use sharp metal tool to defrost which will damage the fridge.

6. CARE AND CLEANING

Unplug the fridge before cleaning:

- Use soft cloth dampened with warm water to wipe the inner surfaces and external appearance of the fridge.
- Use neutral detergent to clean the heavy stains, and dry with clean soft cloth.
- When the fridge will not be used for a long period of time, remove food and unplug the fridge. Clean it and leave the lid open a little. Keep the fridge in a ventilated place.

NOTE: Do not sprinkle water on the fridge during cleaning because that would reduce the insulating property of electrical components and erode the metal parts.

- Do not use cleansers containing corrosive and deliquescent material (such as scouring powder, bleach, soap powder, alkaline cleansers, benzene, gasoline, acid, hot water and etc.) to clean the appearance panels, door gaskets and plastic parts.

7. FOLLOWING SITUATIONS ARE NORMAL

- The flow of refrigerant through the evaporator may create a boiling or gurgling sound.
- In the raining and high humidity weather, moisture may form on the outside of fridge or door gaskets. You can wipe damp surfaces with dry cloth.
- The temperature on the back panel may be high (particularly in summer) due to heat emission of the condenser.
- The temperature on external surface of the compressor may be high when compressor is working.
- The compressor may cause a high hum or pulsating sound when it is at starting or stopping step.
- It's normal to hear metal hit noise from compressor when fridge is bumped.

8. TECHNICAL SPECIFICATION

MODEL	30/40/50L
CLIMATIC CATEGORY	T/ST/N/SN
PROTECTIVE CLASSIFICATION OF ELECTRIC SHOCK RESISTANCE	III III
RATED VOLTAGE DC (V)	12/24V
DC FUSE (A)	15A
TOTAL INPUT POWER (W)	45W
RATED CURRENT FOR DC(A)	3. 75A/1.875A
REFRIGERANT (g)	32g
N.W (kg)	15kg/15.5kg/16.5kg

9. GUIDELINES FOR PROTECTION OF THE ENVIRONMENT

DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.



Meaning of crossed-out wheeled dustbin: Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities. Contact your local government for information regarding the collection systems available.

If electrical appliances are disposed into landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

10. PACKING LIST

Item Model	Fridge	DC power Cord	AC Adapter	User's Manual
30L	1	1	1	1
40L	1	1	1	1
50L	1	1	1	1