For the latest product inquiries, please visit:
https://www.shinegiant.com

SHINEGIANT

Model: ：SG385DXLG、CX50、CX30、CX40
NX42、NX52、NX62、NXA42、NXA52、NXA62
、SG383DXLG，SG384DXLG，SG385DXLG，
SG684DXLG，SG685DXLG，SG686DXLG

Please read this operating manual carefully before starting the device.
Keep it in a safe place for future reference.

1.SAFETY INSTRUCTIONS

WARNING!

- Do not operate the appliance if it is visibly damaged.
- Do not block the gaps of the refrigerator with things like pin, wire, etc.
- Do not expose the appliance to rain or soak it in water.
- Do not place the appliance near naked flames or other heat sources (heaters, direct sunlight, gas ovens etc.)
- Do not store any explosive substances like spray cans with a flammable propellant.
- Ensure the supply cord is dry and not trapped or damaged. Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- Check the voltage specification on the type plate corresponds to that of the energy supply. The appliance is only to be used with the power supply unit provided with the appliance.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Once unpacked and before turning on, the appliance must be placed on a level surface for more than 6 hours.
- Make sure that the appliance stays horizontally when it is running. The tilt angle must be less than 5° for long time running and be less than 45° for short time running.
- Keep the ventilation openings in the unit casing or in the built-in structure free of obstacles.
- Keep the appliance stable on the ground or in the car; Do not drain upside down.

- Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user′ s authority to operate the equipment.

CAUTION!

- Repairs may only be carried out by qualified personnel. Incorrect repair may cause danger. The lamp and supply cord must be replaced by the manufacturer or qualified persons.
- The installation of DC power in the boat must be handled by qualified electricians.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- The appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they've been given supervision or instruction concerning use of the device in a safe way and understand the hazards.

NOTICE!

- Disconnect the power supply before each cleaning and maintenance and after every use.
- Do not use sharp tools to defrost; Do not damage the refrigerant circuit.
- Risk of child entrapment. Before you throw away your old refrigerator or freezer: take off the doors: leave the shelves in place so that children may not easily climb inside.
- Check if the cooling capacity of the appliance is suitable for storing the food or medicine. Food may only be stored in its original packaging or in suitable containers.
- If the appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.

- The appliance is intended to be used in household and similar applications such as:
- Staff kitchen areas in shops, offices and other working environments;
- Camping, Farm houses and by clients in hotels, motels and other residential environments;
- Bed and breakfast type environments;
- Catering and similar non-retail applications.
- Information, illustrations and specifications in this manual reflect the most current available at the time of publication, are subject to change without prior notice.

Please according to local regulations regarding disposal of the appliance for its flammable refrigerant and blowing gas.

- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  -- Reorient or relocate the receiving antenna.
  -- Increase the separation between the equipment and receiver.
  -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  -- Consult the dealer or an experienced radio/TV technician for help.

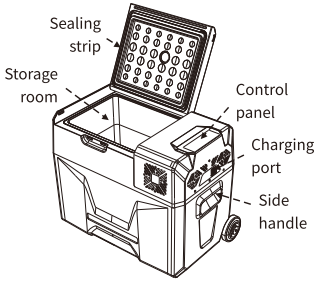
- To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).

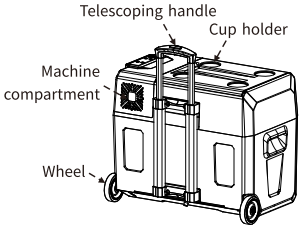
FCC NOTE：This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

2.PRODUCT FEATURES

- High-efficiency DC compressor and conversion module.
- CFC free and great heat insulation.
- Intelligent battery protection system prevents your vehicle from running out of battery.
- LED display control panel for temperature setting, USB charging port: 5V/1A.
- Exterior design: telescoping handle, side handles, wheels，cup holder.
- Interior design: drain plug.

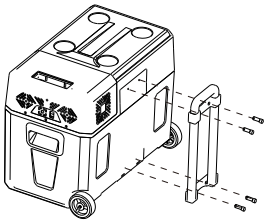
3.PRODUCT STRUCTURE

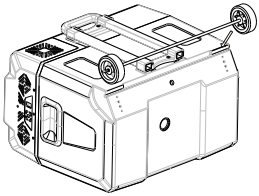




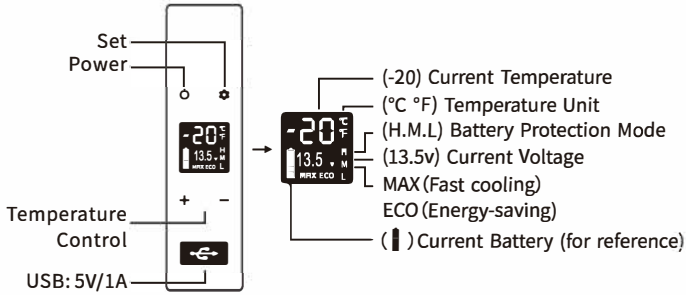
4.INSTALLATION

- **Telescoping handle installation**: use a Phillips screwdriver to tighten the 4 screws.
- **Wheel installation**: use a rubber hammer to knock the wheel axle into the slot (if you use a iron hammer, a layer of cloth should be placed on the box and axle to prevent damage). After installation, place the refrigerator horizontally for more than 4 hours before turning it on.





5.FUNCTION AND OPERATION



• **Power Supply:** DC 12V/24V or AC 100-240V power (using dedicated adapter).

• **Display Screen Initialization:** when the refrigerator is powered on, the buzzer will make a long beep, and the display will be on for two seconds then enter the normal operation.

• **Power ON/OFF:** press ⏻ to switch ON/OFF.

• **Temperature Setting:** press + or − for temperature setting, the setting will be saved automatically after stopping operating for 4 seconds(Note: the temperature displayed is the current temperature of the compartment, it' ll take a while to reach the set temperature.) Temperature setting range: -20~20°C (-4~68°F)

• **Cooling Mode:** under running state, press ✿ to switch MAX (Fast cooling) or ECO(Energy -saving) mode. *Factory setting is MAX.

• **Battery Protection Mode:** under the running state, long press ✿ for 3 seconds until the screen flashes, then press ✿ again to switch H(High), M(Medium) and L(Low) (*Factory setting is H). **Voltage Reference:**

INPUT / MODE	DC 12V		DC 24V	
	CUT OUT	CUT IN	CUT OUT	CUT IN
L	8.5V	10.9V	21.3V	22.7V
M	10.1V	11.4V	22.3V	23.7V
H	11.1V	12.4V	24.3V	25.7V

* the voltage is theoretical value, there may be a deviation in different sceneries.

* H should be set when the product is connected to car power, and M or L should be set when it is connected to a portable battery or other back-up battery.

• **Temperature Unit Setting:** switch off the refrigerator, long press ✿ for 3 seconds until displays E1, and switch to E5 by pressing ✿ again, then press + or — to switch Celsius or Fahrenheit. (*Factory setting is °C.)

• **Reset:** switch off the refrigerator, long press ✿ for 3 seconds until displays E1, under E1 mode, long press + − at the same time for seconds to reset the settings.

• **For Built-in lithium battery type:** battery function can be open or closed by pressing the button beside the charging port. Fully charged the lithium battery needs 3-4 hours when the refrigerator is in standby mode.

When the refrigerator is running, the power is mainly used for compressor, which may cause the lithium battery to charge slowly. The battery icon on the refrigerator control panel will show charging status and current battery.

• **Recommended temperature for common food:**

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

6.CARE AND MAINTENANCE

■Cleaning:

- Switch off and unplug the device first to avoid electric shock.
- Remove the cover and drain from the hole at the bottom of the device.
- Use wet cloth to clean the device and dry it.
- Do not soak the refrigerator in water and do not wash it directly.
- Do not use abrasive cleaning agents during cleaning as these can damage the device.

■Storage:

If the device will not be in use for a long time, please follow the instruction:

- Switch off and unplug the device.
- Take out all the items stored in the device.
- Wipe off excess water with a soft rag.
- Put the device in a cool and dry place.
- Leave the lid slightly open to prevent odors from forming.
- Recommended storage environment:
  ambient temperature: 25°C, ambient humidity: ⩽ 75%.

■Defrosting:

Humidity can form frost in the interior of the cooling device or on the evaporator. This reduces the cooling capacity. Defrost the device in good time to avoid this.

- Switch off and unplug the device first to avoid electric shock.
- Take out all the items stored in the device.
- Keep the lid open.
- Wipe off the defrosted water.

Never use hard or pointed tools to remove ice or to loosen objects which have frozen in place.

7.TROUBLESHOOTING

Issues	Cause/Suggestions
Refrigerator does not work	• Check if the switch is on. • Check if the plug and socket are connected well. • Check if the fuse has been burnt. • Check if the power supply is malfunctioned. • Switch on/off the refrigerator frequently may cause start delay of the compressor.
Refrigerator compartments are too warm	• The door is opened frequently. • A large amount of warm or hot food was stored recently. • The refrigerator has been disconnected for a long time.
Food is frozen	• The temperature was set too low.
There is "water flow" noise from inside the refrigerator	• It's a normal phenomenon, caused by the flow of refrigerant.
There are waterdrops around the refrigerator casing or door gap	• It's a normal phenomenon, the moisture will condense to water when it touches a cold surface of the refrigerator.
The compressor is slightly noisy when starting	• It's a normal phenomenon, the noise will be reduced after the compressor works stably.
Code F1 displayed	• Possible cause: low voltage to refrigerator. Adjust the battery protection from High to Medium or from Medium to Low.
Code F2 displayed	• Possible cause: condenser fan is overloaded. Disconnect power to refrigerator for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F3 displayed	• Possible cause: the compressor starts too frequently. Disconnect power to refrigerator for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F4 displayed	• Possible cause: compressor not kicking in. Disconnect power to refrigerator for 5 minutes & restart. If the code shows again, contact manufacturer for service.
Code F5 displayed	• Possible cause: overheating of the compressor & electronics. Disconnect power to refrigerator for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F6 displayed	• Possible cause: no parameter can be detected by the controller. Disconnect power to refrigerator for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F7 or F8 displayed	• Possible cause: temperature sensor is faulty. Contact manufacturer for service.

8.WARRANTY

If the device gets malfunctional, limited warranty will be provided for 1 year from the date of purchase, except following situations:

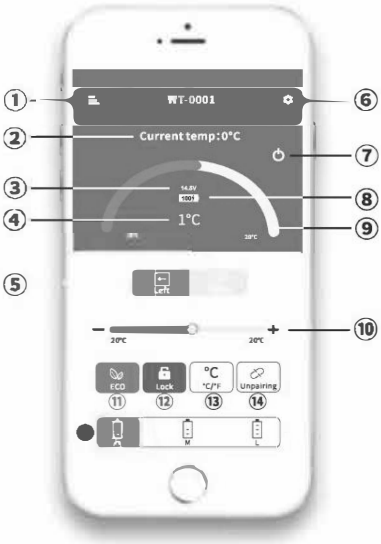
- Contrived damage.
- Damage caused by force majeure such as earthquake, conflagration, etc.
- Damage from inappropriate use or violating this instruction.
- Damage or malfunction caused by disassembling.

9. SMART CONTROL- REFRIGERATOR APP INSTRUCTIONS

ONLY AVAILABLE FOR UNIT WITH BLUETOOTH

First Step: Turn on the Bluetooth on your smart device; start the APP and click "Search" to find nearby refrigerators.

Second Step: Click refrigerator icon for Bluetooth pairing (the APP will prompt you to pair the refrigerator by pressing the set button on the refrigerator's control panel when connecting the refrigerator for the first time). After pairing, the APP will swith to the main inturface allowing you to control the refrigerator.



①MENU
②Current temperature
③Current voltage
④Target temperature
⑤Switch Left/Right compartment
⑥SET
⑦ON/OFF
⑧Current battery
⑨⑩Temperaturecontrol
⑪ECO(Energy-saving) /MAX(Fast-cooling)
⑫Lock /Unlock
⑬Celsius /Fahrenheit
⑭Unpairing the device and return to search
⑮Battery protection mode: High/Medium/Low

Note:

*Click the lock icon on the APP to lock/unlock the control panel on the refrigerator, if locked, the refrigErator can only be controlled by the APP.In normal operation, do not recommend to use "Lock"

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