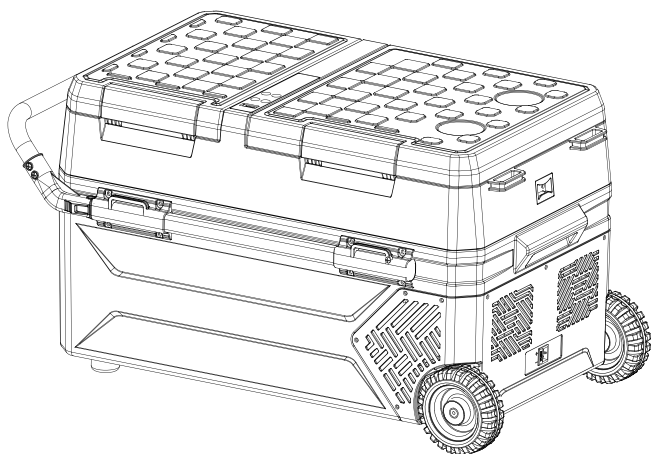




# USER MANUAL



**CAR FRIDGE With APP**

**Brand:A aobosi**

**Model: J42/J57**

**DC 12V/24V AC100-240V**

PLEASE READ INSTRUCTIONS CAREFULLY BEFORE ASSEMBLY  
RETAIN THIS MANUAL FOR FUTURE REFERENCE

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## 1.SAFETY INSTRUCTIONS

### **WARNING!**

- Do not operate the appliance if it is visibly damaged.
- Do not block the gaps of the fridge 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.


### **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!**

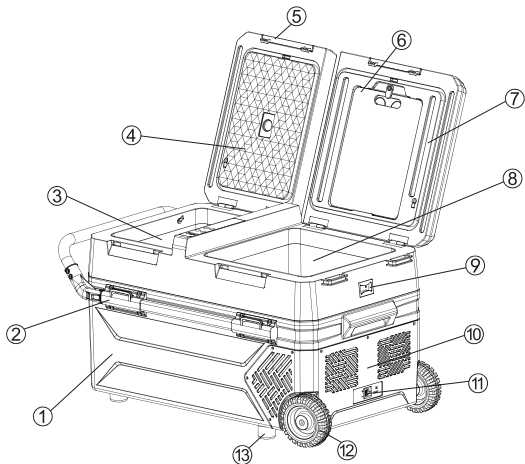
- Disconnect the power supply before each cleaning and maintenance and after every use.
- Do not use sharp tools to defrost; Do not damage the refrigerant circuit.
- Risk of child entrapment. Before you throw away your old refrigerator or freezer: take off the doors: leave the shelves in place so that 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.

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

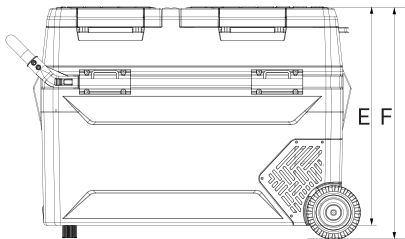
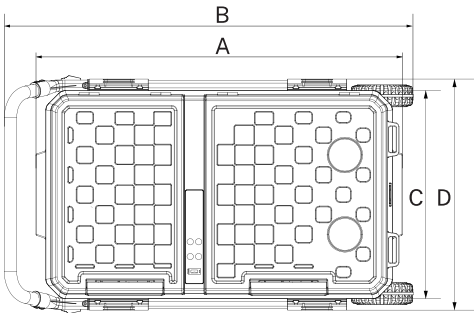
## 2.PRODUCT STRUCTURE

- ① Cabinet
- ② Pull rod (Optional)
- ③ Left compartment
- ④ Left door
- ⑤ Door buckle
- ⑥ Cutting board
- ⑦ Right door
- ⑧ Right compartment
- ⑨ Bottle opener
- ⑩ Compressor cover
- ⑪ Power connector
- ⑫ Wheels(optional)
- ⑬ Bottom feet (optional)



(Unit:mm)

model	A	B	C	D	E	F
J42	735	825	420	465	408	438
J57	735	825	420	465	508	538



### 3 INSTALLATION

Ensure that the fridge is not damaged when opening the package after receiving the product. Any transportation damage could be reported to the place of purchase. Handle the product with the utmost care and attention.

#### △ Connect the power supply

- ⊙ Find the DC power cord in the kit. Connect DC plug to the power outlet of the car refrigerator.
- ⊙ Well place the refrigerators in the car (back-up, seats....)
- ⊙ Lay out power cords as per the interior space of your car. Insert the cigarette lighter plug (one side of the power cord) into the car cigarette lighter hole.



Adapter



Connect the car cigarette lighter



Connect the car refrigerator

Connect the car cigarette lighter / DC Power Cord / Connect the car refrigerator (Standard mode) / Connect the car refrigerator (Built-in Mode)

The refrigerator can be connected to more than one source of energy.

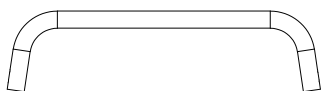
The refrigerator can be directly connected to the 12V/24V DC power supply.

If the refrigerator is used in 100-240V power supply, an AC adapter should be adopted.

## △ Install handles

The handle is detached from body of fridge for easy delivery. Install the handle as below

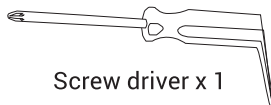
### ⊙ Installation kits



handle x 1



wheels x 2



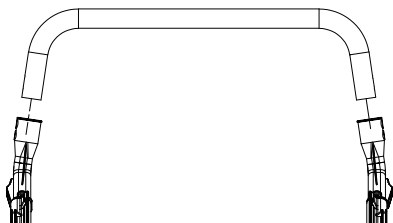
Screw driver x 1



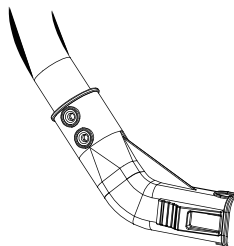
ST4\*12 screw x 4

### ⊙ Install handle

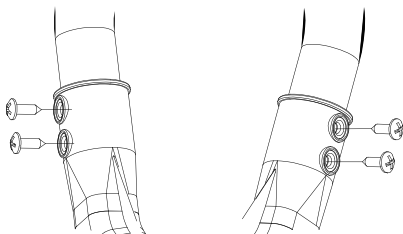
Insert handle to left rod and right rod, align the screw holes and then fix them by screws



① insert handle to left rod and right rod

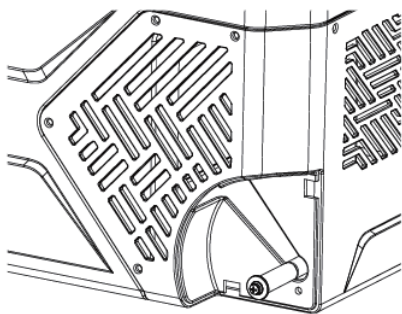


② Align screw holes in handle and rods

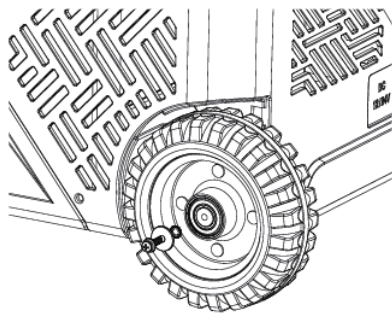


③ Fix handle and rods by screws

## △ Install wheels



- ① Unscrew the screws with gaskets together from axle of wheels. Please keep sequence of the gaskets and do not take the gaskets away from the screws.

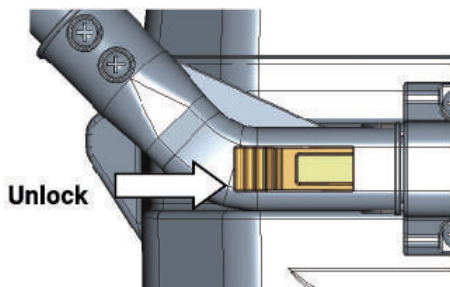


- ② Put on the wheels to axle and then fix them by the screws and gaskets.

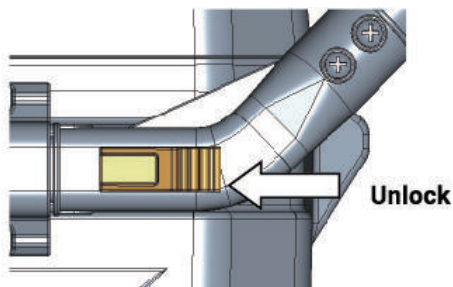
## △ Use the handle

**WARNING:** when you use handle to move the fridge, please smoothly pull, NOT hastily throw the handle. It's possible to break the handle. If the ground is not flat, it's better to not use handle to move the fridge.

Unlock the handle and then pull out the handle as below



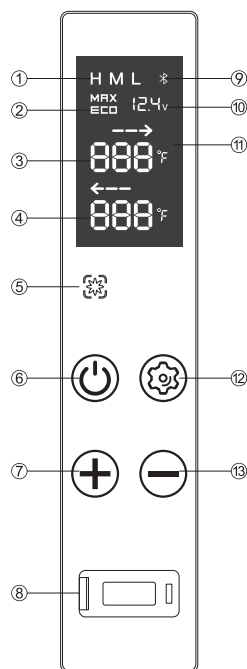
Front lock



Rear lock

## 4.FUNCTION AND OPERATION

- ① Car battery protect level
- ② Running Mode
- ③ Temperature of right compartment
- ④ Temperature of left compartment
- ⑤ Running indicator
- ⑥ ON/OFF button
- ⑦ Temperature UP button
- ⑧ USB charge port
- ⑨ BlueTooth symbol
- ⑩ Power voltage
- ⑪ Display
- ⑫ Setting button
- ⑬ Temperature Down button



### Power on

Once power on, the display will light for 1 second and then show setting of last running. In standby situation, two lines will appear in the display.

### Switch on and off

After power on, the fridge will be standby.

At this time, press ON/OFF button to switch on the fridge. Once the fridge is switched on, the display will show real temperature of storage compartments. And it will start to running.

**WARNING: the temperature showed in display is just the temperature around the sensor. The temperature is not same at different points in the storage compartment.**

**So it's normal if the temperature is different between the one in display and the one you measured.**

**When the fridge is running, press ON/OFF button for 3 seconds, the fridge will go back to standby.**



Set temperature of storage compartments

- ① When the fridge is running, press or one time to enter temperature adjusting mode,The number in display will flash. You can press to select which compartment you want to adjust.  
After selection, press or to rise or reduce the setting temperature range from -20°C (-4°F) to 2 0°C (68°F).
- ② Can adjust temperature faster to press or longer.
- ③ If no more operation after your selection, the setting will flash 3 seconds and then exit temperature setting mode fixed. The display will alter to show real temperature.
- ④ The default setting temperature is 0°C(32°F) when the fridge is switched on first time.

Alter Celsius degree and Fahrenheit degree

When the fridge is running, press and at same time for 3 seconds to alter Celsius degree and Fahrenheit degree.

Select running mode

When the fridge is running, press to select “MAX” or “ECO” running mode. The display will flash the symbol which you select for 2 seconds. If no more operation, the running mode is fixed.  
MAX running mode: the fridge will work hard to reduce temperature fast.  
ECO running model: the fridge will work longer to reduce the temperature to save energy.

Set car battery protect level





Car Battery Protection Voltage Reference  
Built-in ECO electronic control module can automatically monitor car battery voltage. Refrigerator will be automatically cut off when the power is excessively consumed, So that protecting the battery consumption from too low to affect auto ignition.

Voltage	High Level set to be factory default (Voltage Protection)		
	H (High) level	M (Medium) level	L (Low) level
12V	11.3V OFF, 12.5V ON	10.1V OFF, 11.4V ON	9. 6V OFF, 10. 9V ON
24V	24.6V OFF, 26V ON	22.3V OFF, 23.7V ON	21.3V OFF, 22.7V ON

**NOTE:** when the refrigerator is on work, “OFF” or “ON” is the stop or start of the compressor.

Press longer to enter car battery protect level setting mode. In this mode, press shortly to set protect level H/M/L. The letter (H/M/L) will flash for 3 second if no more operation. Then the selection is fixed and will be showed in display.

### Turn on or off storage compartments

If you just want to use one of storage compartments, you can turn off one to save energy. When the fridge is running, press  and  at same time to turn off left storage compartment, press  and  at same time to turn off right storage compartment.










**WARNING: At least one of two storage compartment shall be kept working. By same operation to turn on storage compartment if it's turned off.**

### Power-off memory function

The fridge will automatically run in the setting of last power-on.

**NOTE:** Once you press any button, if there is a beep, it means the button is activated.

• Recommended temperature for common food:

PRESERVATION TEMPERATURE FOR COMMON FOOD			
	Meat	-18°C	0°F
	Frozen Food	-18°C	0°F
	Seafood	-3°C	26°F
	Vegetables	3~10°C	37~50°F
	Cooked Food	4°C	39°F
	Water	5°C	41°F
	Canned Drinks	5°C	41°F
	Fruits	5~8°C	41~46°F
	Soft Drinks	8~10°C	46~50°F

\* The content above is for reference only.

## 5. USE APP

Android System : Scan icon QR code  
iOS system : Search for "Car Refrigerator"  
in the App store



IOS APP  
download code

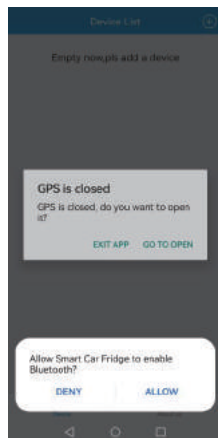


Adroid APP  
download code



Car Refrigerator

### Operation Steps



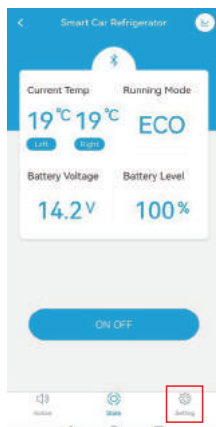
1. Click to turn on Bluetooth & GPS(Make sure it is turned on) .



2. Click to search for devices when Bluetooth & GPS is turned on.

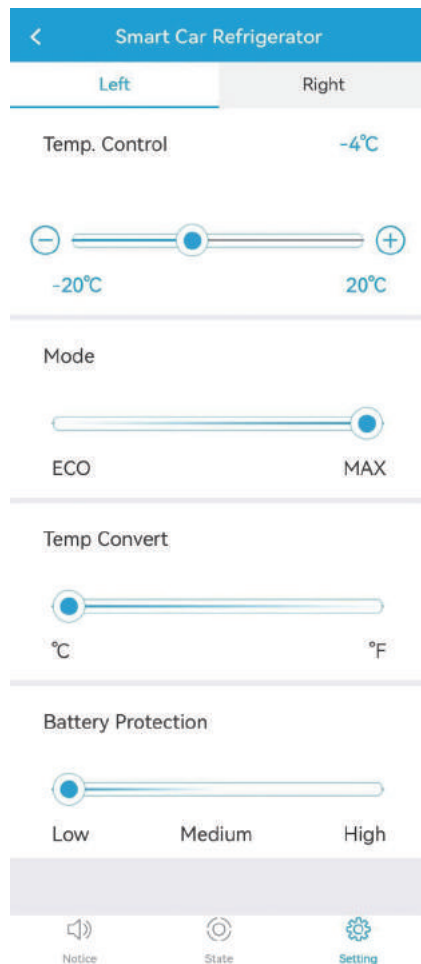


3. Connect the device.  
After search for the device, Press "Smart" button in the fridge control panel



4. Enter the main control

### Page Description



## 6.CARE AND MAINTENANCE

### ■Cleaning:

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

### ■Storage:

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

- Turn off the power and remove the plug.
- Remove 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 door slightly open to prevent odors from forming.

### ■Defrosting:

Humidity can form frost in the interior of the cooling device or on the evaporator, which will affect the cooling performance. Defrost the device regularly to avoid this.

- Switch off the device.
- Take out the contents of the device.
- Keep the door open.
- Wipe off the defrosted water.



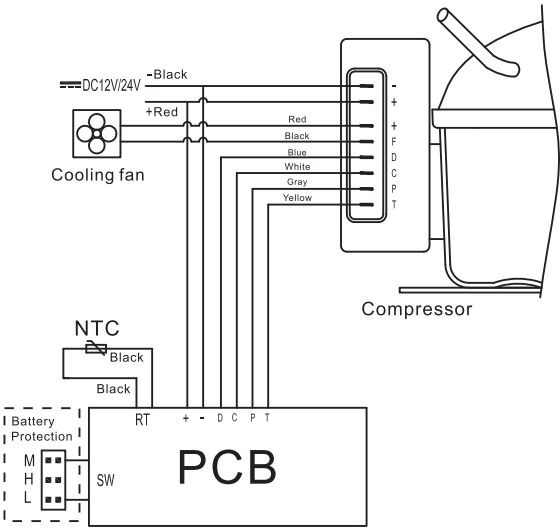
**Never use hard or sharp tools to remove ice or to loosen objects which have frozen in place.**

## 7.TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SUGGESTED SOLUTIONS
The refrigerator is not working	The power is cut off	<ul style="list-style-type: none"> <li>• Check if power supply is malfunctioned or not.</li> <li>• Check whether the plug and socket are connected well.</li> <li>• Check whether the fuse has been burnt or not.</li> <li>• Check if the switch is on or not.</li> </ul>
Food is frozen	The setting temperature is too low	Increase the setting temperature
Water flowing sound is inside the refrigerator	It is a normal phenomenon.	It is the flowing sound of refrigerant which is normal.
There are water drop around the refrigerator casing or door gap	It is a normal phenomenon.	When moisture in the air meets the lower temperature refrigerator casing, it will naturally become liquefied and condensed to be water drops. That is a normal phenomenon.
The compressor is slightly noisy when starting	It is a normal phenomenon.	The noise will be less after the compressor works stably.
Code E1 displayed	This is protection mode of low car voltage	Wait for a while to connect the car after it started. Set the battery protection button from H to M or from M to L.
Code E2 displayed	This is the protection mode of overloaded fan	Please replace a new fan when identify there is a fan malfunction.

Code E3 displayed	This is the protection mode of frequent working compressor.	When the refrigerator is used in car and E3 appearing Please shut down for 5 minutes and restart it.If it doesn't work, that can be identified to be EI fault, please solve it according to the solution of EI. When the refrigerator is connecting with adapter and E3 appearing Please adjust battery protection level to the middle level or low level.If it doesn't work, please replace a new adapter.
Code E4 displayed	It means compressor is overloaded or working at a low speed.	Please adjust input voltage and repower it.
Code E5 displayed	This is the protection code of overheated compressor module.	Please power off for 5 minutes and check if the overheating is caused by the badventilation around compressor.
Code E6 displayed	Open or Short Circuit of NTC.	Please contact the after-sales service.

8.CAR REFRIGERATOR ELECTRICAL SCHEMATIC



# 9.TECHNICAL INFORMATION

MODEL	J42	J57
RATED VOLTAGE	DC12/24V	
RATED POWER	60W	
CAPACITY	Left:20.7 L/0.73 cu.ft. Right:20.6 L/0.72 cu.ft.	Left: 29.7 L/1.05 cu.ft. Right:26.5 L/0.94 cu.ft.
NOISE	≤50dB	
TEMPERATURE SETTING RANGE	-20-20℃ (-4-68°F)	
CLIMATE CATEGORY	T/ST/N/SN	
DIMENSIONS(L*W*H)	825×465×438 mm 32.5×18.3×17.2 inch	825×465×538 mm 32.5×18.3×21.2 inch
NET WEIGHT	19.95kg/44.0lb	21.3kg/47.0lb

\*Due to product improvement, the technical information might be different from actual information, please refer to the rating label on the product.

## 10.WARRANTY

Thank you for choosing AOBOSI product. We sincerely hope that you are satisfied with it. The manufacturer's warranty covers the product for a period of 12 months from the date of purchase against manufacturing faults. All warranties are automatically kept track of in our system, so there is no need to register your product.

Agent/Distributor is welcome to contact us. Email:info@iaobosi.com.

Any help or questions during use, please contact us via website [www.iaobosi.com](http://www.iaobosi.com), send email to [info@iaobosi.com](mailto:info@iaobosi.com), we will service you within 24 hours. We suggest to provide a warranty card, a photo or a video if there's broken spare part or not working machine so that we can be much more clear about your problems and offer you the best solution.



aobosi Warranty Card

Item name: \_\_\_\_\_

Model: \_\_\_\_\_

Serial No.: \_\_\_\_\_

Store name: \_\_\_\_\_

Purchase date: \_\_\_\_\_

Buyer's name: \_\_\_\_\_

Email: \_\_\_\_\_

Address: \_\_\_\_\_

Tel.: \_\_\_\_\_

Please fill in the table and email it within 10 days from the date of purchase.