

Series: ROCKY 50

Model: CR05201

Capacity: 55Quart / 52L

Dimensions:

Total volume 52L

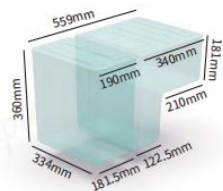
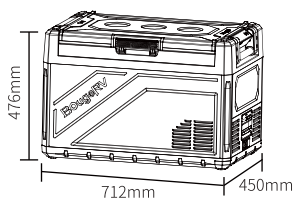
(without partition)

Left box: 22L Right box: 27L

(with partition)

Refrigerator size: 712*450*476mm

(28.03*17.72*18.74inch)



Series: ROCKY 65

Model: CR06501

Capacity: 69Quart / 65L

Dimensions:

Total volume 65L

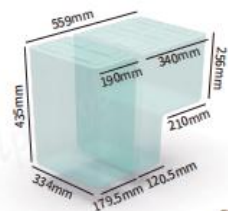
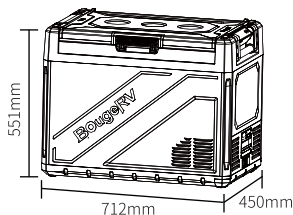
(without partition)

Left box: 26L Right box: 35L

(with partition)

Refrigerator size: 712*450*551mm

(28.03*17.72*21.69inch)



Series: ROCKY 75

Model: CR07801

Capacity: 81Quart / 77L

Dimensions:

Total volume 77L

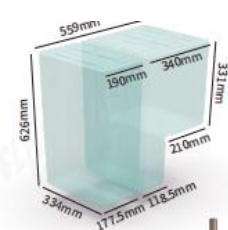
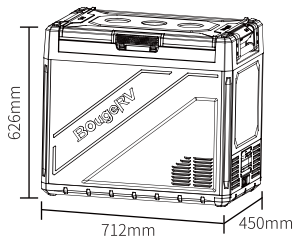
(without partition)

Left box: 30L, right box 43L

(with partition)

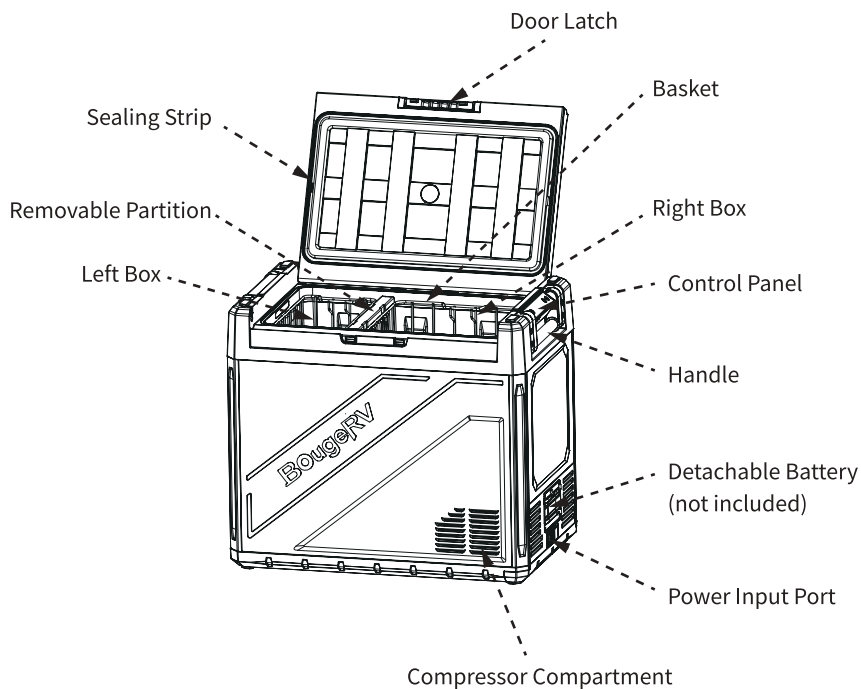
Refrigerator size: 712*450*626mm

(28.03*17.72*24.65inch)



4.3 Product Structure

Series: ROCKY 40, ROCKY 50, ROCKY 65, ROCKY 75



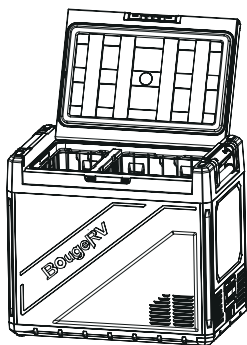
Note: The detachable battery is not included in the package. If you are interested, please search "BougeRV Detachable Battery" on Amazon or bougerv.com

*Detachable battery: press the left and right to remove/insert the battery. It will be heavy in your hand, which is recommended to be hold with carefully and take it out gently.

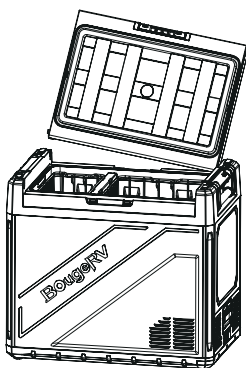
4.4 Reverse Door Opening Direction

The door opening direction can be changed according to actual needs, please follow the instructions below:

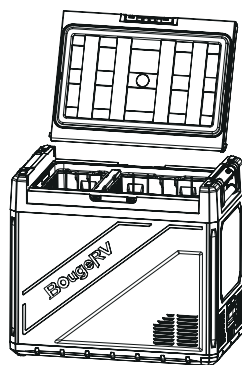
Door Disassembly:



Open the door at a
90° angle

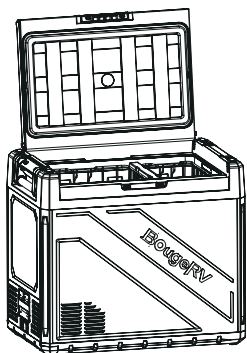


Take off the door from
one side

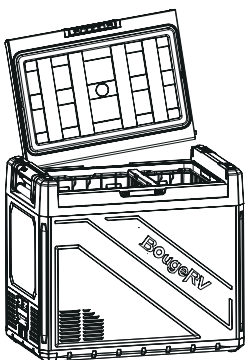


Take off the door from
the other side

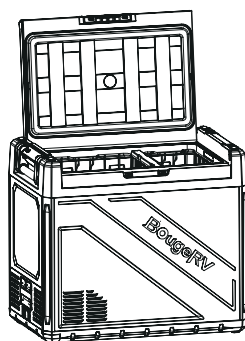
Door Installation:



Reverse the door
opening direction

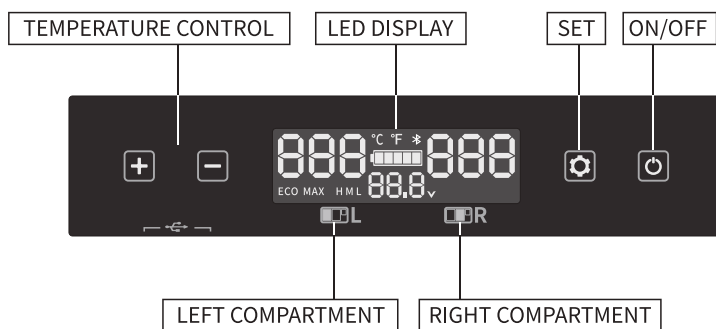


Align the door shaft with
the hole on one side and
insert it



Fix the door on the
other side, installation
finished

5 Operation Instruction



5.1 Power Supply:

Connect to 12V/24V DC power, or 100-240V AC power(using the adapter), or use a backup lithium battery which can be recharged by solar(12~50V).

5.2 Display Screen Initialization:

Connect to the power supply, the buzzer will make a long beep, and the display will be on for 2 seconds then enter the normal operating mode.

5.3 Turn on/off:

Press the power button  to turn on/off.

5.4 Temperature Setting:

When the divider is placed in the corresponding position in the refrigerator, the temperature of the two zones can be controlled separately at this time. When the divider is taken out, two zones become one zone, and the temperature controller controls the whole temperature of the refrigerator.

5.4.1 Temperature Setting for Single Zone (The divider must be taken out)

Short press the **+** or **-** key, the screen will flash, and then press the **+** or **-** key again to adjust the temperature of the whole box.

5.4.2 Temperature Setting for Dual Zones (The divider must be placed in the corresponding position in the box.)

When the partition is inserted, the screen displays the temperature of the double box.

① **Left box temperature setting:** Short press the **+** or **-** button to enter the left box temperature setting, and then the temperature display of left box will flash. At this time, press the **+** or **-** button again to adjust the left box temperature.

② **Right box temperature setting:** Short press the **+** or **-** button to enter the left box temperature setting, and then the temperature display of left box will flash. At this time, short press the **⚙️** button to switch to the right box temperature setting, and then short press the **+** or **-** button to adjust the right box temperature.

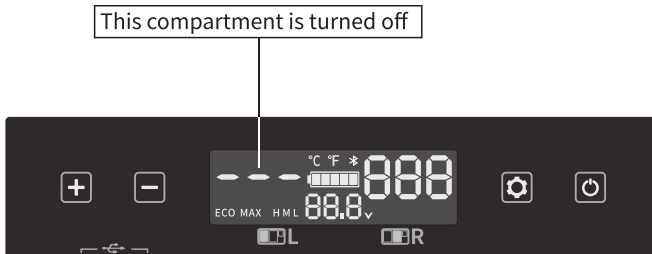
Note: The temperature of the left box cannot be lower than the temperature of the right box. For example: when the left box temperature is set to -10°C(14°F), then the right box temperature can only be set between -10°C(14°F) and -20°C(-4°F). When you want to use one box for refrigeration and one box for freezing, it's recommended to use the left box as a fridge(for fresh food) and the right box as a freezer(for frozen food).

Note: Temperature adjustment range: -20~20°C (-4~68°F). The static screen displays the current room temperature. If the temperature adjustment range is large and it will take a while to reach the set temperature.

5.4.3 Compartment ON / OFF:

In the power-on state, press and hold the **+** and **⚙️** keys simultaneously for 3 seconds to turn on/off the left box.

Note: The device cannot turn off the right box alone.

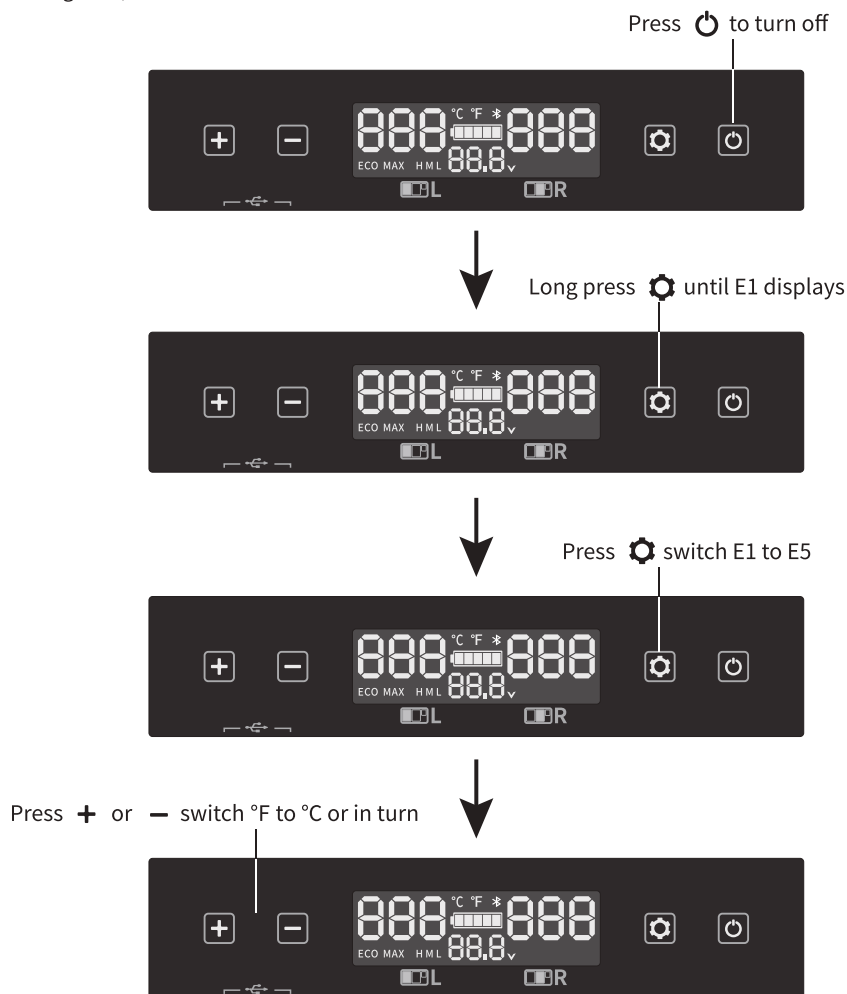


5.5 MAX/ECO Mode Switching:

Under the running state, press **⚙️** to switch MAX(fast cooling) and ECO (Energy saving Mode). (*Factory setting is MAX.)

5.6 Temperature Unit Setting:

Switch off the fridge, long press  for three seconds until E1 displays, then switch to E5 by pressing  again. Under E5 mode,  or  to select Celsius or Fahrenheit. (*Factory setting is °F)



Reset:

Switch off the fridge, long press  for three seconds until E1 displays, under E1 mode and long press  and  at the same time for three seconds to reset it.

■ 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

5.7 Car Battery Protection Setting H/M/L: Under the running state, long press  for three seconds until the screen flashes, then press  again to select protection mode H(High), M(Middle), and L(Low).
(*Factory setting is H.)

6 Car Battery Protection(H/M/L) Voltage Reference

Due to the different output voltages between vehicles, 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 power station or other backup battery.

The battery gear should be set from H to M or from M to L if there is a voltage protection code F1 shown on the panel. The battery gear should be set to H if the product keeps working after turning off the car engine, or the product may drain the battery.

Voltage Reference:

INPUT MODE	DC 12V		DC 24V	
	CUT OUT	CUT IN	CUT OUT	CUT IN
L	9.0V	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.

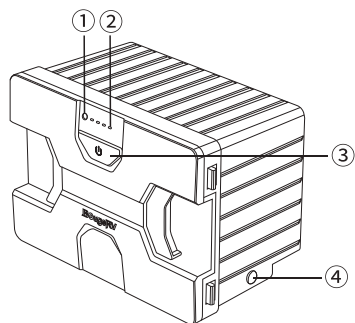
*USB output: +5V DC/1A, suitable for small devices like mobile phones, tablets, etc.

7 Optional Accessory: Detachable Battery



Note: the package does not include the battery. If you are interested, please search "BougeRV battery" on Amazon or bougeRV.com.

• **Battery ON/OFF:** Long press the power button of the battery to turn it on/off, and short press to display the current battery.



Model: PS17301

Capacity: 15600mAh/173Wh

Rated Voltage: 11.1V

Charging Limited Voltage(DC): 12.6V

Charging Limited Current(DC): 3A

① Power Indicator (Green: charging; Blue: discharging)

② Battery Indicator (show current battery)

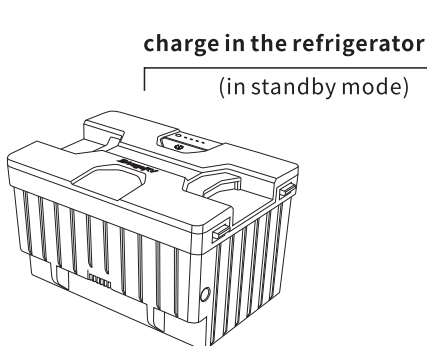
③ Power Button

④ DC Charging Port



Warning: do not disassemble the battery!

• **Battery charging (for reference only):**



**Wall outlet AC 100~240V
(using the dedicated adapter)**

(Charging time≈8h)

Car cigarette lighter

DC 12/24V

(When the Input voltage>13.5V,
charging time≈8h)



**Solar
12~50V**

(Connect to the "SOLAR" port of the refrigerator)
(When using 100W solar panel,
charging time≈5h)

- Battery Saving:** It is recommended to fully charge the refrigerator before your departure, and you can put your food & beverages in the refrigerator in advance so that the battery can last longer. Unplug the battery or turn it off to prevent self-discharge when not in use. *If the refrigerator won't be in use for a long time, fully charge the battery and turn it off.
- Discharging time (for reference only):** In the low battery protection mode, the battery can last about 4 hours after being fully charged. When the temperature of the refrigerator is set between 2~8°C (ambient temperature 25°C), it can last 10 hours after the internal temperature stabilizes. Remove or switch off the battery to prevent self-discharge when not in use.

Discharge time(ECO and L mode)	
Refrigeration	About 10 hrs
Freezing	About 4 hrs

- Instruction for solar charging**
Insert the solar charge cable into the refrigerator's "SOLAR" terminal.
 MAX Solar Input Voltage: 50V; MAX Solar Input Current: 10A.
 When connecting to a solar panel, please place the refrigerator in a cool place to dissipate heat. The battery icon on the refrigerator display will show the charging status when the battery is charging.
 The charging input power should be higher than the working power of the refrigerator (about 40-45W), or turn off the refrigerator to enter the standby state, otherwise the battery will not be able to charge. It is recommended to use 100W solar panel.

8 Error Code Problems and Troubleshooting

Issues	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 has malfunctioned.
	Switching on/off the fridge frequently may cause a 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. Wait for the refrigerator to reach its selected temperature.
	The refrigerator has been disconnected for a while.
Food is frozen	The temperature was set too low, please increase the temperature.
A "water flow" noise from inside the fridge	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 the 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 the fridge. Adjust the battery protection from H to M or from M to L.
Code F2 displayed	Possible cause: condenser fan is overloaded. Disconnect power to fridge for 30 minutes & re-start.
Code F3 displayed	Possible cause: the compressor starts too frequently. Disconnect power to fridge for 30 minutes & re-start.
Code F4 displayed	Possible cause: compressor not kicking in. Disconnect power to fridge for 30 minutes & re-start.
Code F5 displayed	Possible cause: overheating of the compressor & electronics. Disconnect power to fridge for 30 minutes & re-start.
Code F6 displayed	Possible cause: no parameter can be detected by the controller. Disconnect power to fridge for 30 minutes & re-start.
Code F7 or F8 displayed	Possible cause: temperature sensor is faulty. Contact manufacturer for service.

9 Cleaning and Storage

■ Cleaning

- Unplug the device first to avoid electric shock.
- Use a 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.
- Remove the cover and drain from the hole, wipe off excess water with a soft rag.
- Leave the lid slightly open to prevent odors from forming.
- Put the device in a cool and dry place.

■ 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 the device off and unplug it.
- Take out the items stored in the device.
- Keep the lid open and wait for the frost to melt.
- Remove the drain hole plug in the device and drain the water through the drain hole.
- Wipe off the defrosted water.



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

10 FAQ

Q1: Does it come with a battery installed?

A1: No, this refrigerator does not come with a battery. Our batteries are sold separately. You can search "BougeRV battery" on Amazon or bougeRV.com

Q2: How to connect the APP?

A2: First Step: Turn on the Bluetooth on your smart device; start the APP and click "Search" to find nearby fridges.

Second Step: Click the fridge icon for Bluetooth pairing (the APP will prompt you to pair the fridge by pressing the set button on the fridge's control panel when connecting the fridge for the first time).

After pairing, the APP will switch to the main interface allowing you to control the fridge.

Q3: How much is the power consumption of the refrigerator?

A3: This refrigerator has Max mode and ECO mode.

For Model CR04001, MAX mode is 60W and ECO mode is 45W.

For Model CR05201, MAX mode is 60W, ECO mode is 45W.

For Model CR06501, MAX mode is 80W, ECO mode is 64W.

For Model CR07801, MAX mode is 80W and ECO mode is 64W.

Q4: What's the Outside temperature range this can be safely used?

A4: Temperature range: 50°F~122°F.

Q5: What is the adjustable temperature range of the refrigerator?

A5: -4 ~68°F.

Q6: How long does it take to cool down to the lowest temperature?

A6: The cooling rate depends on whether the refrigerator is empty or loaded. It usually takes about an hour and a half for the empty box to reach the lowest temperature. The more things in the refrigerator, the slower the cooling speed.

Q7: Does the fridge have to be plugged in for use?

A7: Yes, it must.

Q8: How long can the temperature be maintained after unplugging?

A8: Depends on the ambient temperature around it. If the compartments are filled, it will take longer to warm. If it's empty, it's quick to warm.

Q9: How long can this continuously be run safely?

A9: As long as the power supply is maintained, our portable refrigerators can work 24 hours/ a day, just like home refrigerators.

Q10: Will it keeps ice cream frozen?

A10: Yes. By setting the temperature below 0°F, you can keep the ice cream frozen.

Q11: Can I make ice with ice cube trays?

A11: Yes. The internal temperature of this portable refrigerator is adjustable from -4°F to 68°F. You can get ice cubes by setting the temperature below 32°F.

Q12: Can I get a new replacement if the parts of my refrigerator malfunction?

A12: Sure, we provide a 2-year quality warranty from the date of purchase.

Q13: How can I register for the warranty on my refrigerator?

A13: You can contact our email "service@bougerv.com / bougerv@gmail.com, and we will give you the corresponding solution according to your problem."

11 Warranty and Maintenance

Warranty

BougeRV PORTABLE CAR REFRIGERATOR comes with a 2-year warranty that commences from the date of purchase on BougeRV Amazon Store or BougeRV Official Website, except the 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.

🛡️ 24-month limited warranty

🔧 Lifetime technical support

Customer Service

If there is any problem with the operation or use of the product, please feel free to contact us via:

✉ BougeRV Amazon: service@bougerv.com

✉ BougeRV Website: support@bougerv.com

☎ +1 408 656 8402(US)

VIP Service & Extra 1-Year Warranty

1. Search "QR Code" on your FB
2. Scan the QR Code beside
3. Join "BougeRV Car Refrigerator Club"
4. You become a VIP and get a 3-year warranty



12 Specification

Series	ROCKY 40	ROCKY 50	ROCKY 65	ROCKY 75
Model	CR04001	CR05201	CR06501	CR07801
Rated Voltage	DC12V/24V AC100~240V(using the adapter) 12~50V(solar energy)			
Rated Power Input	CR04001:MAX:60W/ECO:45W CR05201:MAX:60W/ECO:45W CR06501:MAX:80W/ECO:64W CR07801:MAX:80W/ECO:64W			
Capacity	39L (41QT)	52L (55QT)	65L (69QT)	77L (81QT)
Noise Emission	≤45dB			
Climate Type	T/ST/N/SN			
Temperature Range	-20°C~20°C(-4°F-68°F)			
Dimensions (D*W*H)	712*450*401mm (28.03*17.72*15.79 inch)	712*450*476mm (28.03*17.72*18.74 inch)	712*450*551mm (28.03*17.72*21.69 inch)	712*450*626mm (28.03*17.72*24.65 inch)
Weight	18.4kg (Batteries not included)	20.1kg (Batteries not included)	22.4kg (Batteries not included)	24.1kg (Batteries not included)

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

■ Disposal:

Place the packaging material in the appropriate recycling waste bins wherever possible.



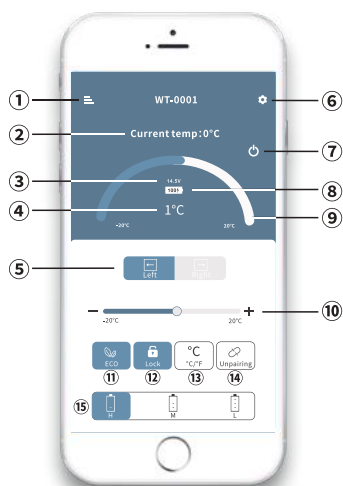
If you want to eventually dispose of the product, ask your local recycling center or specialty distributor for details on how to do so in accordance with the applicable disposal regulations.



13 APP Control

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

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



- ① MENU
- ② Current temperature
- ③ Current voltage
- ④ Target temperature
- ⑤ Switch Left/Right compartment
- ⑥ SET
- ⑦ ON/OFF
- ⑧ Current battery
- ⑨ ⑩ Temperature control
- ⑪ ECO(Energy-saving) / MAX(Fast-cooling)
- ⑫ Lock / Unlock
- ⑬ Celsius / Fahrenheit
- ⑭ Unpairing the device and return to search
- ⑮ Battery protection mode: High/Medium/Low

Note:

*Click the lock icon  on the APP to lock/unlock the control panel on the fridge, if locked, the fridge can only be controlled by the APP.

Downloading the "CAR FRIDGE FREEZER" Application



iOS



Android

Scan the QR code on the left or search for the "CAR FRIDGE FREEZER" APP in the iTunes APP Store (for Apple devices) or Google Store (for Android devices).

Explore more from BougeRV



@bougerv



@Bougervofficial



BougeRV

FCC STATEMENT:

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.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body

BougeRV