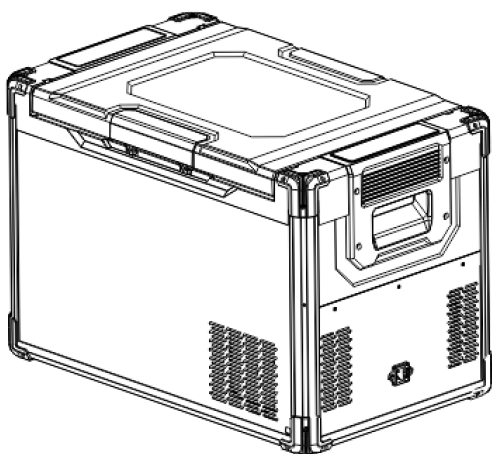


Portable Refrigerator User Manual



Model: BBPF-30A

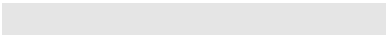
Thank you for choosing the smart portable refrigerator.

Please read this user manual carefully and be familiar with the functions and operation requirements of the product, so as to help you get the quality service and better use experience of the product.

- thanks to buy our company car refrigerator, here to express our heartfelt thanks.
- Please read this manual carefully before using it.
- After review, please keep this manual properly.

Portable Refrigerator

Safety instructions and precautions for use

- Do not kink or damage the power cord.
 - Do not pull the refrigerator with the power cord on the car refrigerator.
 - Do not pull the power cord at the sharp edges or corners.
 - Do not contact the exposed non-insulated power cables.
 - This product has a compressor component. Please leave the product flat for 4 hours after receiving it.
 - Do not place the product upside down, or tilt above 45 degrees, to avoid product failure.
 - Do not hinder the vent; if the refrigerator is placed in the car, the cooling window hole shall reserve more than 10cm space. When the cooling window is blocked, the cooling system will stop due to poor cooling performance and severe high temperature protection.
 - It is not recommended to place or store items on the refrigerator; do not bear the weight pressure in the display / operation panel area; the door body area shall not exceed 100kg.
 - Do not use hard or sharp tools to remove the ice; do not use abrasive or solvent materials.
 - Don't expose the car refrigerator to the rain.
 - Before use, please clean the refrigerator inside and outside of the car with wet cloth; do not install corrosive liquid; please often clean the refrigerator cavity, to prevent odor and bacteria, and ensure food safety. Not used for a long time, please disconnect the power supply, and keep the refrigerator inside and outside clean and dry.
 - This product is not intended to be used by persons with abnormal physical, sensory, or mental abilities, defects or poor experience and knowledge (including children), unless they have someone given supervision or guidance to use the equipment who is responsible for their safety.
 - Children should be supervised to ensure that they do not use the car refrigerator as toys.
- 

Portable Refrigerator

BBPF-30A vehicle refrigerator parameters:

Product name	Portable refrigerator	Rated voltage	DC14.5V DC12/24V
Product model	BBPF-30A	Refrigerator capacity	30L
Product size	L586*W365*H400mm	Rated power	55W±20%

CF40A vehicle refrigerator parameters:

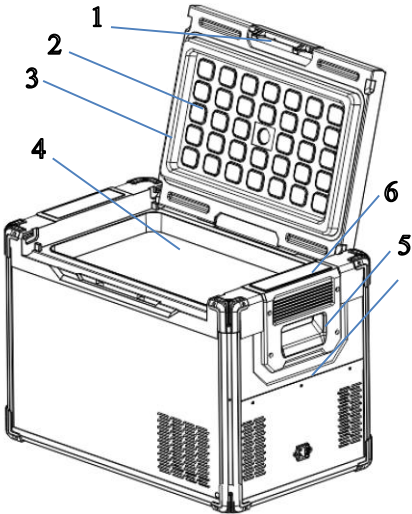
Product name	Portable refrigerator	Rated voltage	DC14.5V DC12/24V
Product model	CF40A	Refrigerator capacity	40L
Product size	L586*W365*H470mm	Rated power	55W±20%

CF50A vehicle refrigerator parameters:

Product name	Portable refrigerator	Rated voltage	DC14.5V DC12/24V
Product model	CF50A	Refrigerator capacity	50L
Product size	L586*W365*H540mm	Rated power	55W±20%

Part introduction:

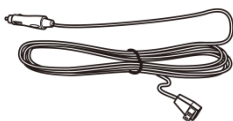
- 1. Door handle
- 2. Door
- 3. Seal strip
- 4. Frozen/Freeze area
- 5. Display Control panel
- 6. Handle
- 7. DC power socket



Portable Refrigerator

A. How to connect the 12 / 24V DC power supply:

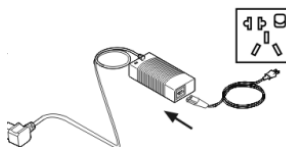
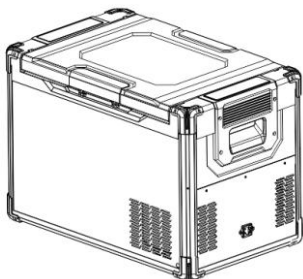
1. Put the car refrigerator in the car (trunk, seat...) in the flat position of the car, and put it smoothly;
2. Arrange the DC power cable according to the interior space (if you need to cable from the center console to the trunk, the power cable can be buried under the carpet), one end of the power cable is inserted in the power interface of the car refrigerator, and the other end is inserted in the cigarette lighter;
3. Open the door handle, open the top cover, put the required frozen items into the freezing area of the refrigerator, cover the top cover, and ensure that the buckle hand is locked in place.
4. After the power supply is turned on, display the temperature of the box body and start working. The user can adjust the required temperature by himself. Long press the power switch button for 3 seconds, the car refrigerator can be shut down. To start again, long and press the power switch button for 3 seconds again.



Connect car cigarette lighter Connect power cord connect Power cord interface

B. How to connect the 100V-240V~ AC power supply:

1. Put the car refrigerator on the smooth ground smoothly;
2. Connect the AC power adapter in the accessory box to the AC power cable; plug the output of the adapter into the vehicle refrigerator DC power interface, and connect the plug of the AC cable to the power socket.



3. Open the door handle, open the top cover, put the required frozen items into the freezing area of the refrigerator, cover the top cover, and ensure that the buckle hand is locked in place.
4. After the power supply is turned on, display the temperature of the box body and start

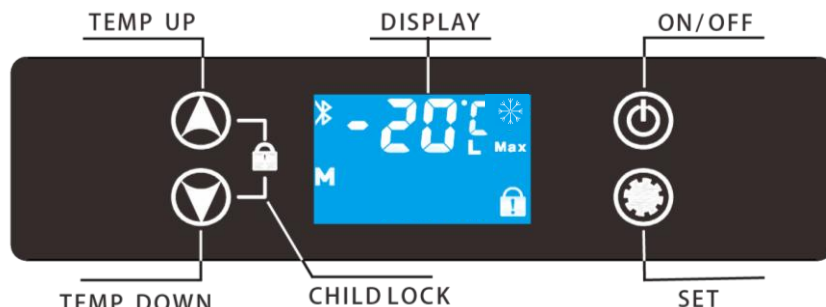
Portable Refrigerator

working. The user can adjust the required temperature by himself. Long press the power switch button for 3 seconds, the car refrigerator can be shut down. To start again, long and press the power switch button for 3 seconds again.

kindly reminder:

If you need to use 100~240V household power supply, please buy our special household power adapter for the refrigerator.

C.How does the control panel operate:



1. Turn on / off: Long press the power switch button for 3 seconds to turn on or off the car refrigerator.
2. Temperature setting method: in the startup state, short press "+" or "-" button to display the set temperature value and flash, and then short press "+" or "-" to increase or lower the set temperature; the adjustment range is -20°C(-4°F)~+ 20°C(68°F). Press the "+" or "-" button to quickly adjust the temperature setting.
3. In the startup state, short press the "SET" button , The "MAX or ECO" flash, press the "SET" button again to switch between MAX (strong cold) or ECO (energy saving) mode (factory default mode MAX).
4. In the startup state, press and hold the "SET" button for 3 seconds to enter the setting mode , the "°C/°F" will flash, short press "+" or "-" Choose the correct temperature unit (factory default °C)

Tips: The refrigerator has the memory function of power off. The cooling temperature and working mode set before power off will automatically restored after the next power on, without the need to be reset.

D.Child lock function

This product has a child lock function, you can manually open and close the child lock, and press and hold the "+" and "-" button for 3 seconds at the same time, you can open or close the child lock

Portable Refrigerator

E.Battery protection function description:

1. Battery protection function: The car refrigerator has the three-gear car battery protection function, which can automatically monitor the car battery voltage. Before the power consumption affects the normal ignition of the car, the refrigerator will automatically stop working, to ensure that the car battery power will not be consumed too low and affect the normal ignition of the car.
2. In the startup state, press and hold the "SET" button for 3 seconds to enter the setting mode, the "°C/°F" flash, then short press "SET" button again, display the pattern of the current corresponding battery protection gear flashing. At this time, short press "+" or "-" to make the gear switch up or down (the default is M middle gear, which can be set to H high gear or L low gear), so that the refrigerator can work for a longer time. (Lower the battery protection gear by "L" gear when displaying "E1" using an external spare battery or refrigerator screen)
3. The battery protection gear voltage parameter value is shown in the following table:

	12(V)		24(V)	
	Stop voltage	starting voltage	Stop voltage	starting voltage
H High Gear	11.1	12.4	24.3	25.7
M Middle Gear	10.4	11.7	22.8	24.2
L low Gear	9.6	10.9	21.3	22.7

Simple fault analysis and handling:

1. The car refrigerator does not work:
 - Check that the power supply is properly connected (the plug is loose and the positive and negative electrodes are connected).
 - Check that the power switch on the operation panel is activated.
 - Check whether the fuse is fused, and check whether the heat dissipation and ventilation is normal.Start on 30 seconds compressor delay start protection.
2. Poor refrigeration:
 - Check whether the refrigerator door is closed, whether the door cover seal strip is damaged or deformed, resulting in lax sealing;
 - The refrigerator cooling area has poor ventilation;
 - Too much hot food;
 - High-intensity sunlight exposure or near the heat source;
 - Improper temperature setting;
3. Abnormal noise:
 - Unplacement; encounter walls or other items; internal parts are loose or fall off; the sound of running water, which is the flow sound of refrigerant flow, is a normal phenomenon.
 - The compressor starts the moment the sound is loud, the motor accelerates from static to high speed operation, the sound will be slightly larger, the sound after the speed is

Portable Refrigerator

stableSound is reduced, it is a normal phenomenon.

4. The Surface of the refrigerator is exposed

When the ambient air temperature is > 75%, the surface of the box will produce a slight condensation, that is, the water vapor in the air is liquefied when it meets the refrigerator shell with low temperature, and condenses into small water droplets, which is a normal phenomenon, and can be dried with a towel (raising the cooling temperature is conducive to reducing the phenomenon of condensation).

5. The meaning and handling method of the error code displayed on the screen:

Code	Type of error	Processing method
E1	Battery voltage is too low for protection	Charge the battery or lower the battery protection gear.
E2	Fan over-current protection	Shutdown and stand for 10 minutes before restart; if again, please contact after-sales personnel.
E3	Compressor fault protection (motor plugging or excessive pressure of refrigeration system)	Shutdown and stand for 10 minutes before restart; if again, please contact after-sales personnel.
E4	Compressor fault protection	Shutdown and stand for 10 minutes before restart; if again, please contact after-sales personnel.
E5	Compressor control module for excessive temperature protection	Place the refrigerator in the ventilation place, shutdown and stand for 10 minutes before restart; if they appear again, please contact the after-sales personnel.
E0	NTC fault (short circuit, open circuit)	Please contact the after-sales personnel.

Recommended storage temperature:

	purified water	5°C/41°F
	drink	5°C/41°F
	Fresh juice	8~10°C/46~48°F
	red wine	13°C/55°F
	fruit	5~8°C/41~46°F



Portable Refrigerator

	vegetables	3~10°C/37~48°F
	prepared food	4°C/39°F
	meat	-18°C/0°F
	seafood	-3°C/26°F
	Fast cold food	-18°C/0°F

Daily maintenance and attention:

Cleaning method:

Every other week, clean and maintain the refrigerator once, wipe the inside and outside surface of the refrigerator with a wet rag. If it is too dirty, you can use neutral detergent and then wipe the washed rag, twist dry and wipe the water stains.

Maintenance of plastic parts:

Properly protect the door seal, must be often kept clean, use when try to avoid oil stains dirty and deformation, if oil (animals

Oil or vegetable oil) for a long time attached to the box of plastic parts, plastic is easy to aging or crack, and smell so to

Develop the habit of being clean regularly.

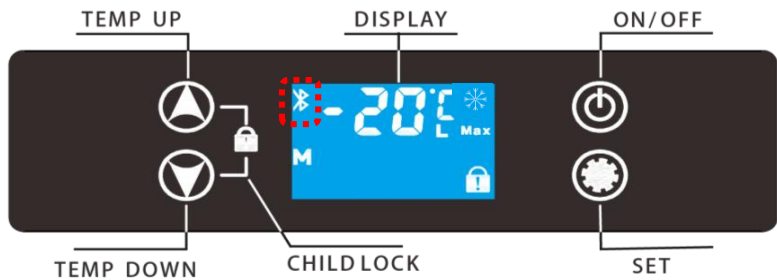
matters need attention:

It is strictly prohibited to wash the water tank directly with water to prevent less electrical insulation and metal parts from rust. The following items (alkaline detergent, soap, grinding powder, hot water, brush, day that water, gasoline, alcohol) will damage the coating layer, plastic parts, and can not be used for cleaning.

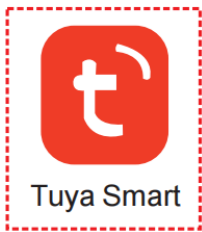
Portable Refrigerator

Car refrigerator Bluetooth connection description :

Step 1、 The car refrigerator is connected to the power supply, and the Bluetooth icon flashes on the display.

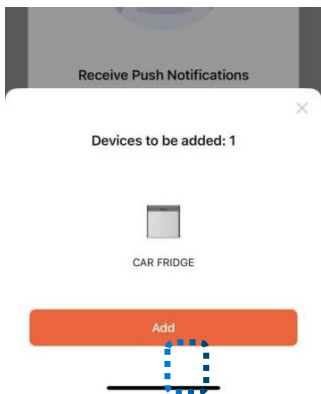


Step 2、 Turn on the Bluetooth and wifi function of the mobile phone, download and install the Tuya Smart APP program, click on the mobile Tuya Smart APP program.



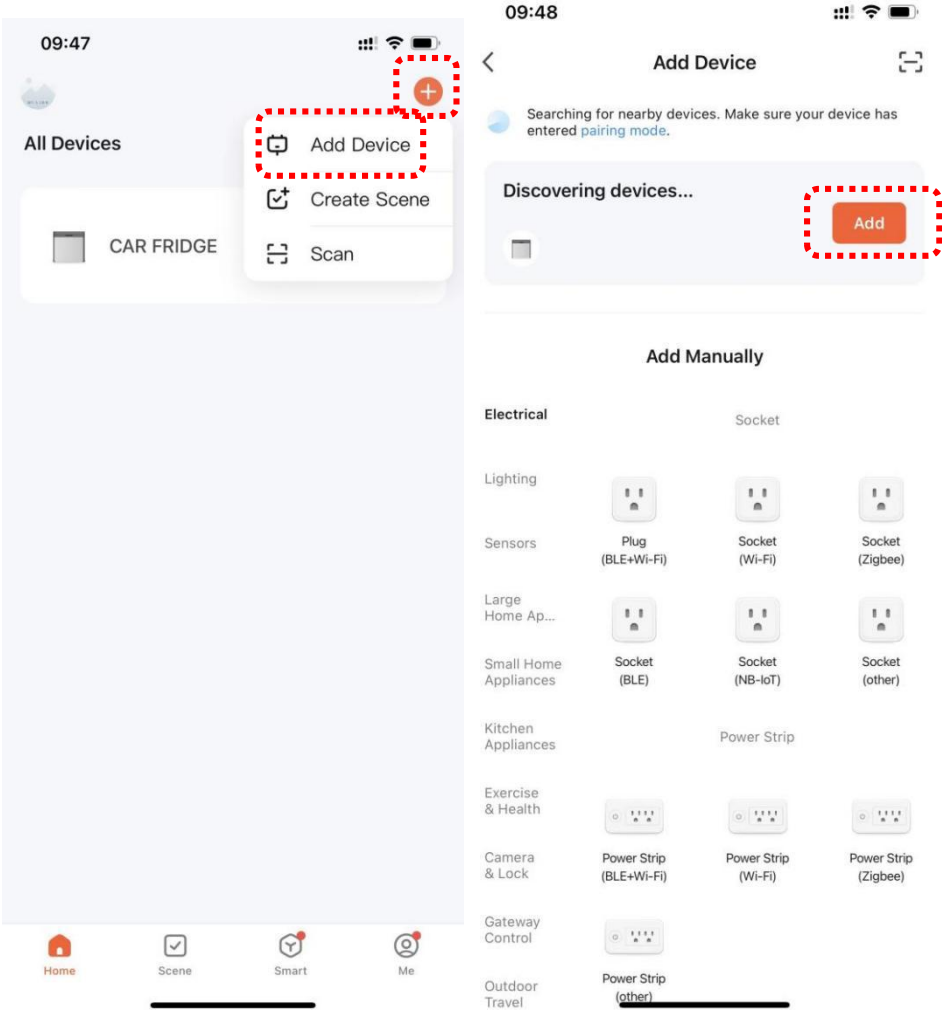
Step 3、

(1) Under normal circumstances, the device can be automatically discovered, click the add button.



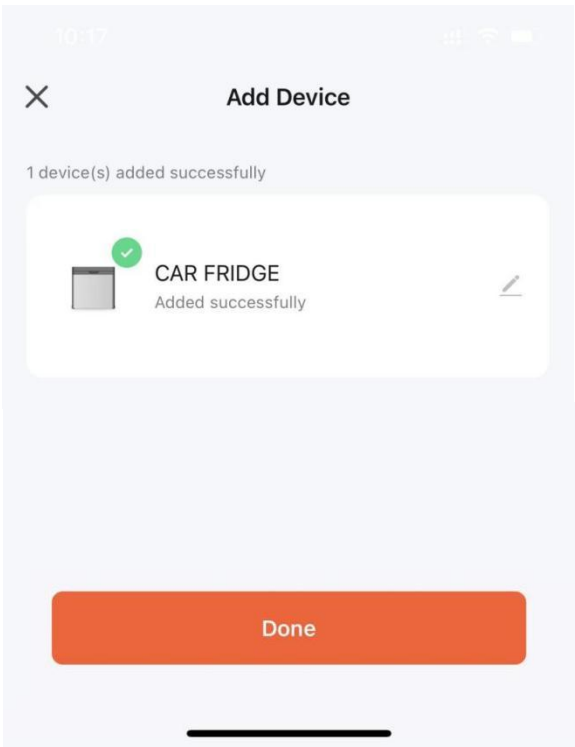
Portable Refrigerator

(2) If the phone cannot automatically discover the device, click Add Device.



Step 4、 After the device is successfully connected, click the "Done" button.

Portable Refrigerator

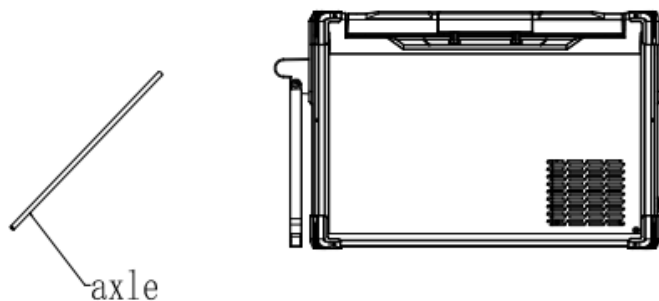


Step 5、Enter the Bluetooth APP control interface.

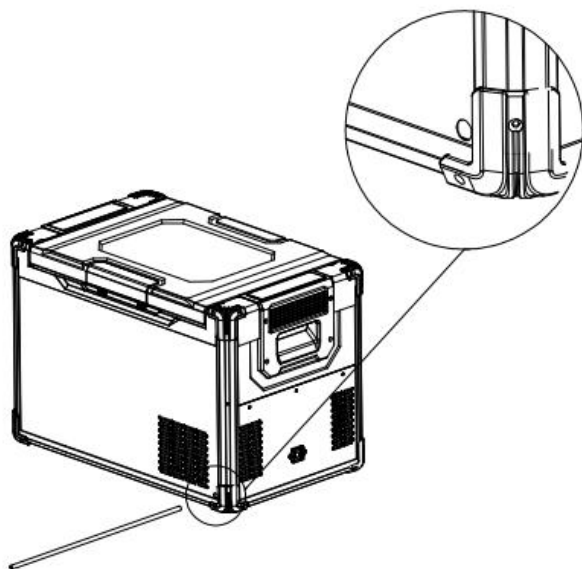
Portable Refrigerator

Wheel installation detailed steps diagram:

Step 1、Take out the refrigerator and axle

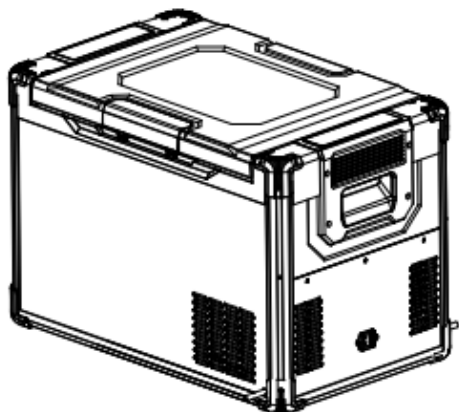


Step 2、Align the axle with the mounting hole of the refrigerator axle

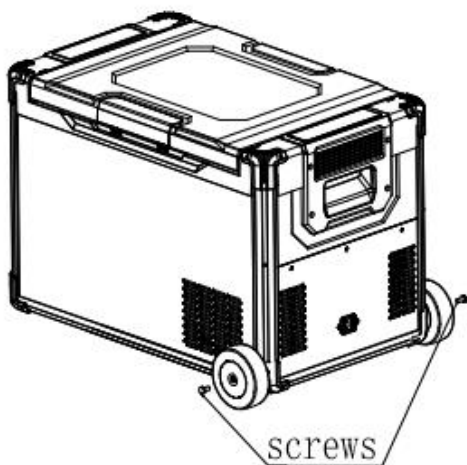


Portable Refrigerator

Step 3、Insert the axle into the mounting hole

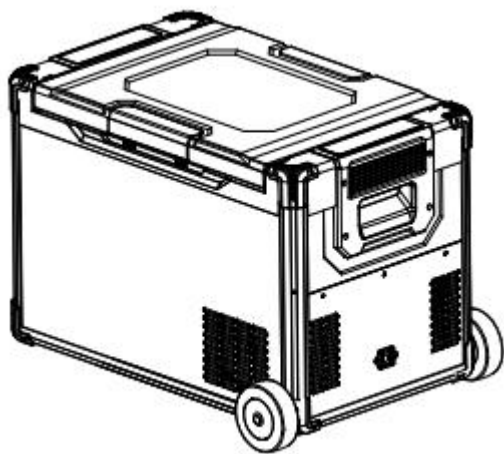


Step 4、Align the two wheels with the two sides of the axle and insert them into the axle and lock the screws



Portable Refrigerator

Step 5、Complete the installation



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.

Any 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction