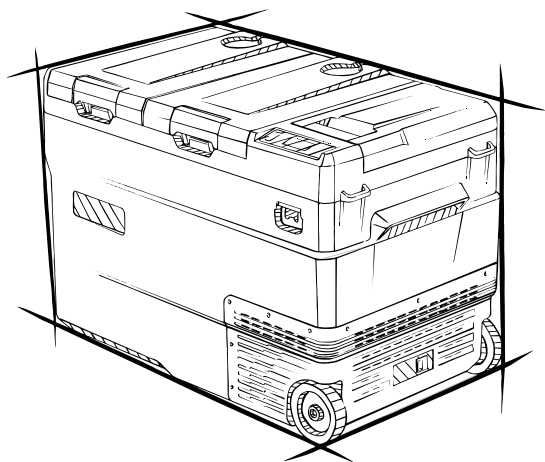


BODEGA

C O O L E R

INSTRUCTION MANUAL



Refrigerator

Model:WD35 / WD45 / WD55

DC12V/24V AC100-240V

■ THIS manual contains important information including safety and installation instructions of the appliances. Please read it carefully before use and follow all safety information & instructions. It is recommended to keep this manual for easy reference so that you can be familiar with the operation of the appliance.

Refrigerator

B O D E G A
C O O L E R

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▶ 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.
- The appliance can only use our dedicated rechargeable batteries, non-rechargeable batteries are prohibited, otherwise there may be a danger of fire and explosion.
- In use or during storage, battery found there has been high fever, leakage, odor, distortion and other anomalies, please stop using it immediately and stay away from the battery.
- Battery end of life should be immediately removed from the equipment, please properly handle security of spent batteries, do not put into fire or water.
- 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.



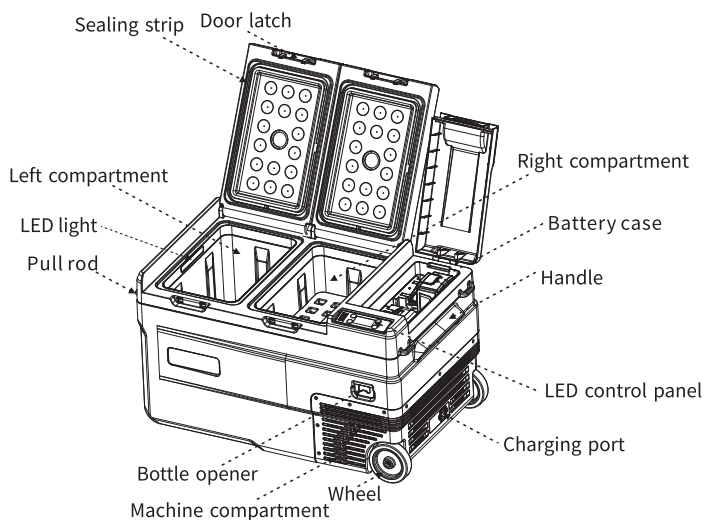
- Risk of child entrapment. Before you throw away your old refrigerator or freezer: take off the doors: leave the shelves in place so that children may not easily climb inside.
- Check if the cooling capacity of the appliance is suitable for storing the food or medicine. Food may only be stored in its 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.

► PRODUCT FEATURES

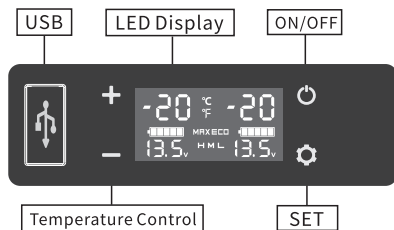
- High-efficiency DC compressor and conversion module.
- CFC free and great heat insulation.
- Lowest cooling to $-20^{\circ}\text{C}/-4^{\circ}\text{F}$ (based on $25^{\circ}\text{C}/77^{\circ}\text{F}$ room temperature).
- Intelligent battery protection system prevents your vehicle from running out of battery.
- LED display control panel for temperature setting, USB charging port: 5V/1A.
- Detachable lithium battery: 15600mAh/11.1V.
- Specific parts: interior drain plug, pull rod, wheel, cupholder door, interior LED light and bottle opener.

► PRODUCT STRUCTURE





► FUNCTION AND OPERATION



* **Note: the right compartment is on the side where the compressor is.**

- **Power supply:** connect to DC 12V/24V or AC 100~240V(using dedicated adapter)
- **Display initialisation:**After the refrigerator is powered on, the display has no indication and goes directly into standby mode.
- **Power On/Off:** press to switch ON, **long** press for three seconds to switch OFF.
- **Temperature Setting:**under the running state, long press **+** and at the same time for three seconds to switch ON/OFF the left compartment, long press **-** and at the same time for three seconds to switch ON/OFF the right compartment, two compartments cannot be switched off at the same time.

When both left and right compartments are set in running state, press **+** or **-** to enter left compartment temperature setting, press **+** to increase temperature, press **-** to decrease temperature, and press to switch left/right compartment. The setting will be saved after stop operating for four seconds(Note: the temperature displayed is the current temperature of the compartments, it'll take a while to reach the set temperature.)

Temperature setting range: -20~20°C (-4~68°F)

- **Cooling Mode:** under the running state, press to switch MAX(fast cooling) and ECO (Energy saving Mode).(*Factory setting is MAX.)
- **Ice-cream Mode:** Long press **-** for 3 seconds to enter the ice-cream mode (Fixed temperature:-22°C/-7.6°F); Long press **+** for 3 seconds to exit the ice-cream mode; **There is no " " function in the left cabin.**

When entering the ice-cream mode:

Right screen shows ICE instead of 888 and right compartment temperature is fixed at -22°C(-7.6°F); Left compartment can only refrigerate (0~8 °C/32~46°F), not freeze;

Left compartment keeps normal mode temperature, set temp to 8°C(46.4°F) if ≥8°C(46.4°F), set temp to 5°C(41°F) if ≤5°C(41°F);



When exiting the ice-cream mode:

The refrigerator restores its normal cooling function;

Temperature setting range of both compartments : -20~20°C (-4~68°F) ;

Left compartment keeps ice-cream mode temperature and right compartment resumes previous normal mode temperature;









- **Battery Protection Mode:** under the running state, long press  for three seconds until screen flashes, then press  again to select protection mode H(High), M(Medium) and L(Low) (*Factory setting is M.)








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:** under the running state, 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 °F.)
- **Reset:** under the running state, long press  for 3 seconds until displays E1, under E1 mode, long press  at the same time for 3 seconds to reset the settings.
- **Rechargeable Battery** (Optional): there are two battery cases for optional dual detachable batteries or dual tool batteries or detachable battery+tool battery combo. If you want to charge the batteries, connect the refrigerator to DC/AC power supply, and put the batteries into the battery cases, the display will show the charging status. It is suggested to switch off the refrigerator if you charge the batteries quickly, as the power supply will mainly power the compressor when the refrigerator is running, which will cause the battery to charge slowly. *Note: the batteries will be charged randomly in turn, and will not be charged if the battery put in is 18V tool battery. The batteries will be used randomly when charge the refrigerator.
- **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



▶ APP CONNECTION

WiFi MODEL:



Scan the QR Code with your smartphone or search it in the APP Store or Google Play to download the "QZsmart" app.
There are two ways to connect the APP WiFi mode and Bluetooth mode.

PREPARATION BEFORE USE:

1. Make sure your car fridge is on and ensure that your smartphone is connected to 2.4 GHz Wi-Fi network.

NOTE: This device only supports 2.4GHz Wi-Fi@ network, not 5GHz Wi-Fi@ network.

2. Ensure that the Bluetooth function of the mobile phone is enabled at the same time; otherwise, the device cannot be automatically searched.

3. Download the QZsmart app from the App Store or Google Play™.

NOTE: Authorize the app to access network and location services.

4. If you are using the app for the first time, click the "Sign up" button and register. If you already have an account, click the "Log in" button.

5. For better WIFI connection, please reset the product WIFI before using it for the first time. You can disconnect the connection by turning off the switch of the refrigerator and simultaneously long pressing "+" and "-" on the control panel of the refrigerator for 3 seconds and hearing one beep.

Add Device

1. From the Home Page, press "Add Device" or press "+" in the top right corner of the screen. (If you already have a device added to your account, the "Add Device" button will not appear.)

2. Connecting

■ Auto-connect: (Featured First)

The app will automatically search when Wi-Fi and Bluetooth are switched on, so you can add the corresponding product directly from the automatic search.

Step 1: Press "Add Device" or press "+".

Step 2: When the device is found, press Add. The Bluetooth function must be enabled during this process.

Step 3: Select your Wi-Fi network. (Be sure to use a 2.4G network)

Step 4: Enter your router password.

Step 5: Wait for connection and click "NEXT".

Step 6: Once the device is added, you can use the menu to change the name and location of the device.

Step 7: When you are finished, click "Done".



■ Manual connection: Select your model from the device menu.

Step 1: Press "Add Device" or press "+".

Step 2: Select the corresponding product type and click the product diagram of the corresponding model

Step 3: After the product is shut down, press "Next".

Step 4: long pressing "+" and "-" on the control panel of the refrigerator for 3 seconds and hearing one beep, Press "Next". ***Please reboot the power before continuing.**

Step 5: Select your Wi-Fi network. (Be sure to use a 2.4G network)

Step 6: Enter your router password.

Step 7: Click "Confirm." The next screen will say "Connect your mobile phone to the device's hotspot".

Step 8: Click "Go to connect." This will take you to your phone's settings (or Wi-Fi list for Android).

Step 9: Select "SmartLife-XXXX."

Step 10: Navigate back to the QZsmart App.

Step 11: Click "Next." Your smartphone will automatically connect.

Step 12: Once the device is added, you can use the menu of the app to change the name of the device.

Step 13: When you are finished, press "Done."

■ Follow the APP interface, there are detailed operation reminders in the APP interface, you need to follow the steps one by one;

NOTE: Connection may take up to 60 seconds.

*Once the device is added, you can use the menu of the app to change the name of the device.

*When you finished, press "Done".

NOTE: Your mobile device is connected to a 2.4GHz Wi-Fi network when pairing with the app. Please select the 2.4GHz network when selecting a Wi-Fi network on the app during setup.

***Please make sure to restart the car fridge after resetting the WIFI, otherwise the APP will not be able to search for the device.**

BLUETOOTH MODE:

Bluetooth function can be used in non-wifi environment.

PREPARATION BEFORE USE:

Please be sure to connect WIFI successfully for the first time. (Again, you must connect to WIFI first, otherwise you will not be able to use Bluetooth in non-wifi environments.)

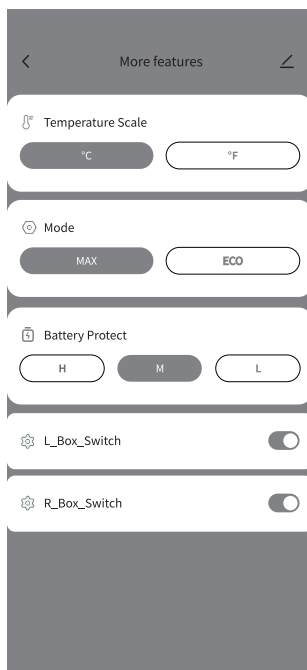
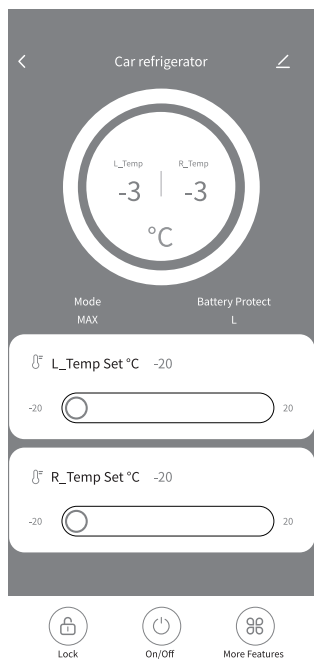
NOTE:

After the WiFi connection is disconnected, wait about 2-3 minutes before you can directly use the Bluetooth control.



Using the My App


The main interface can control the temperature of 2 compartments respectively; Set up the "LOCK"; Refrigerator switch. Click on "more features" in the lower right corner to set the switch of temperature unit, cooling mode, battery protection mode and refrigerator compartment.



How to unbind

A car refrigerator can only be connected to one mobile phone.

First method :You can disconnect the connection by turning off the switch of the refrigerator and simultaneously long pressing " + "and " - " on the control panel of the refrigerator for 3 seconds and hearing one beep.

Second method :Removing connection with the app: Open the app and go to the device page. Click "  "in the upper right corner, and then click "Remove Device" at the bottom.

Cautions

*There will be a delay in operating the machine on the mobile phone, about 1-3 minutes, please be patient.

*The language of the APP automatically switches with the language of the mobile system.

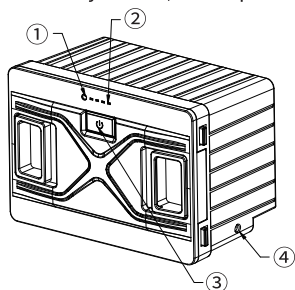
*You can lock or unlock the control panel on the refrigerator by operating the APP lock icon. Please note that if you want to lock the refrigerator, please control it through the APP, the operation panel of the refrigerator does not have the function of locking and unlocking.



▶ DETACHABLE BATTERY (PURCHASE SEPARATELY)

⚠️ *Car refrigerator does not include battery, can contact customer service to buy.

• **Battery ON/OFF:** long press the power button on the battery to switch ON/OFF. When the battery is OFF, short press the power button to show current battery.



Model: FSAK-002

Capacity: 15600mAh/173Wh

Rated Voltage: 11.1V

Charging Limited Voltage(DC): 12.6V

Charging Limited Current(DC): 3A

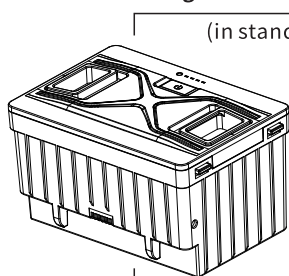
①Power Indicator (Green: charging; Blue: discharging)

②Battery Indicator (show current battery)

③Power Button ④DC Charging Port

⚠️ Warning: do not disassemble the battery!

• **Battery charging (for reference only):**
charge in the refrigerator



(in standby mode)

charge separately

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

(Charging time≈8h)

Car cigarette lighter

DC 12/24V

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

Battery charger (optional)

(Connect to the DC charging port of the battery)
(Charging time≈8h)

Charging station (optional)

(Charging time of a single battery≈4h)

Note: It is suggested to switch off the refrigerator when charging the battery (the power supply may mainly power the compressor when the refrigerator is running).The charging input power should be higher than the working power of the refrigerator(about 40-45W), or switch off the refrigerator, otherwise the battery will run out.

• **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 12 hours after the internal temperature stabilizes. Remove or switch off the battery to prevent self-discharge when not in use.



▶ TOOL BATTERIES (PURCHASE SEPARATELY)

⚠ *Car refrigerator does not include battery.

This refrigerator can be powered by tool batteries. It is compatible with most tool battery types on the market. Different brands require a corresponding adapter.

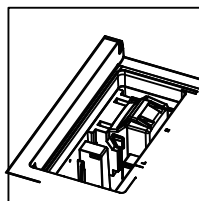
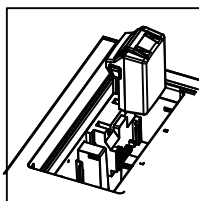
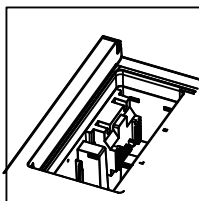
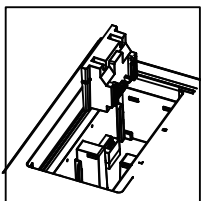
By default the refrigerator is supplied with 2 DEWALT brand tool battery adapters (USA).

If you need to match other brands, please purchase separately.

The installation plate steps are as follows:

• STEPS FOR USAGE:

- 1.Align the adapter with the rails inside the groove.
- 2.Push the adapter into the bottom of the groove.
- 3.Switch on the tool battery and align it with the adapter.
- 4.Slide the battery into the adapter until it is firmly seated.



WARNING: If the adapter will not be in use for a long time, please separate it from the battery. Do not store or carry the adapter with the battery installed so that metal objects can contact exposed battery terminals.

NOTICE: This product is not a charger, but an adapter, it only outputs battery voltage and power directly from your battery. Please use the original charger if your tool battery needs to be charged.

***Note:** The adapter varies for different types of tool batteries.



► 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 fridge 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.



► TROUBLESHOOTING

Issues	Cause/Suggestions
Refrigerator does not work	<ul style="list-style-type: none">• 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 fridge frequently may cause start delay of the compressor.
Refrigerator compartments are too warm	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• The temperature was set too low.
There is "water flow" noise from inside the refrigerator	<ul style="list-style-type: none">• It's a normal phenomenon, caused by the flow of refrigerant.
There are waterdrops around the refrigerator casing or door gap	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• It's a normal phenomenon, the noise will be reduced after the compressor works stably.
Code F1 displayed	<ul style="list-style-type: none">• Possible cause: low voltage to fridge. Adjust the battery protection from High to Medium or from Medium to Low. When the F1 fault is displayed for more than 1MIN, all loads are automatically shut down.
Code F2 displayed	<ul style="list-style-type: none">• Possible cause: condenser fan is overloaded. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F3 displayed	<ul style="list-style-type: none">• Possible cause: the compressor starts too frequently. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F4 displayed	<ul style="list-style-type: none">• Possible cause: compressor not kicking in. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F5 displayed	<ul style="list-style-type: none">• Possible cause: overheating of the compressor & electronics. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F6 displayed	<ul style="list-style-type: none">• Possible cause: no parameter can be detected by the controller. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F7 or F8 displayed	<ul style="list-style-type: none">• Possible cause: temperature sensor is faulty. Contact manufacturer for service.



Bluetooth connection unavailable	The connection is not corc. 1. When using Bluetooth mode for the first time, it can only be used after the 2.4G WiFi network is connected successfully. 2. After the WiFi connection is disconnected, wait about 2-3 minutes before you can directly use the Bluetoothcontrol.
The refrigerator kept working after reaching the set temperature	It is a normal phenomenox. In order to keep the temperature at the set temperature, the compressor will operate at low power.

*For models with FSAK-002 detachable battery, if code F1 displayed, unplug or turn off the battery, or connect to DC12/24V/AC100~240V(using the adapter) power supply to power the compressor and battery in time to avoid long-term micro-current draining the battery.

► TECHNICAL INFORMATION

MODEL	WD35	WD45	WD55
RATED VOLTAGE	DC12/24V or AC100~240V(using dedicated adapter)		
RATED POWER	60W		
CAPACITY	34.3L/1.21cu.ft./36.3qt	42.4L/1.5cu.ft./44.8qt	50.3L/1.78cu.ft./53.2qt
NOISE	≤45dB		
TEMPERATURE SETTING RANGE	-20~20°C (-4~68°F)		
CLIMATE CATEGORY	T/ST/N/SN		
DIMENSIONS(L*W*H)	731.5*427.5*417mm 28 13/16*16 7/8*16 7/16 inch	731.5*427.5*487mm 28 13/16*16 7/8*19 3/16inch	731.5*427.5*562mm 28 13/16*16 7/8*22 1/8inch
NET WEIGHT	18kg/ 39.68lb (not including battery)	20kg/ 44.09lb (not including battery)	21kg/ 46.30lb (not including battery)

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

Manufacturer:Foshan Alpicool Electric Appliance Co., LTD.

Address:13A Xinlong Road Shiongliyue industrial Zone, Xintang Village, Lunjiao Town, Shunde District, Foshan City, Guangdong, China

Contact:Mickey Tel: +1(313)913-7585 E-Mail:info@bodegacooler.com



BODEGA

C O O L E R

Brand: BODEGA

Thank you for purchasing **BODEGA** product. We sincerely hope that you are satisfied with the product.

We'd like to offer you **12-month warranty** for free.

Once activated the warranty, you will be ensured that if anything goes wrong with your product. Replacement unit/parts will be warranted during the warranty period.

————— **What you need to do** —————

Any help or questions during use, please contact us via website

www.bodegacooler.com, send email to **info@bodegacooler.com**,

we will service you within 24 hours.

When contacting us, we suggest to send Order ID,

problem and a photo or a video for helping us much

more clearer about the problem and offer you the best solution.

C O O L E R

✉ info@bodegacooler.com

<https://www.bodegacooler.com/> 🔍