



SetPower

TC65/75

User Manual

V1.1



CONTENT

1.SAFETY INSTRUCTIONS _____01

2.SPECIFICATIONS _____04

3.OVERVIEW _____05

4.INSULATED REVERSIBLE LID ____05

5.GETTING STARTE _____07

6.OPERATION _____07

7.TROUBLESHOOTING _____13

8.WARRANTY _____15



1. SAFETY INSTRUCTIONS

Please read the user manual and safety instructions carefully before using the appliance.

1 Disclaimer

The manufacturer cannot be held responsible for the damage resulting from improper usage or incorrect operation.

The use of accessories that are not recommended by manufacturer can cause injuries and will invalidate any warranty that you may have.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge. Unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

2 Energy Saving Tips

- Place the unit on a dry, secure surface, with adequate ventilation.
- Please make sure the lid is closed and secure, and only open the fridge when you need to.
- Please cool down hot/warm food before put it into the unit.
- Please defrost the unit when ice forms on the internal walls or lid.
- Select proper target temperature according to corresponding need.

3 Cleaning & Maintenance

- Please power off and unplug the unit before cleaning or Maintenance.

- Please use non-abrasive detergent to cleaning the interior/exterior of the fridge.
- Please don't scrap the interior of the fridge to defrost/de-ice the fridge.
- Please don't pressure-wash/spray the fridge with a running water hose.

4 Dos and Don'ts

- Do not expose the unit to moderate/heavy rain.
- Do not use this appliance near direct heat sources, such as flame or radiator.
- Do not place open containers of liquid inside the fridge.
- Place/arrange the content of your fridge securely before using the refrigerator inside a moving vehicle.
- Do not use electrical devices inside the food storage compartments of the appliance, unless approved/recommended by the manufacturer.
- Do not store explosive items, such as aerosol cans with a flammable propellant in this appliance.
- Do not touch the compressor or the condenser when the fridge is operating.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Please ensure the supply cord is not trapped or damaged before setting up the appliance.

5 INTENDED TO USE

This appliance is intended to be used in household and similar applications such as:

Staff kitchen areas in shops, offices and other working environments;
Farm houses and hotels, motels and other residential type environments;
Bed and meal environments;
Catering and similar non-retail applications.



DANGER

Failure to obey the following warnings could result in death or serious injury:

ELECTRICAL SHOCK HAZARD.

- Do not immerse the product in water, or use it in an excessively muddy area.
- Do not use the cooler for any purpose other than as a portable cooling device.

FALL HAZARD

- Do not stand on the cooler, which may damage the unit or injure yourself.

RISK OF CHILD ENTRAPMENT

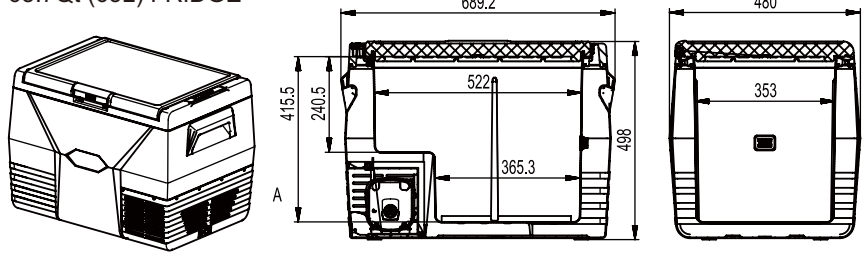
Before you throw the unit away:

- Take off the doors.
- Leave the shelves in place so that children can not easily climb into it.

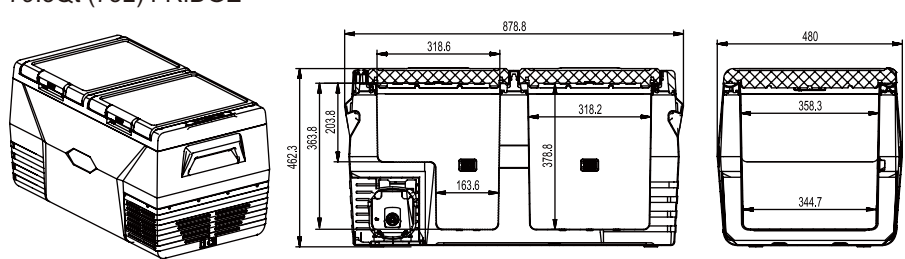
2.SPECIFICATIONS

Model	TC65	TC75
External Dimensions	27.1×18.9×19.6 in. (689×480×498mm)	34.6×18.9×18.2 in. (879×480×462mm)
Capacity	68.7 Qt / 65 L	79.3 Qt / 75L
Net Weight	40.8 lbs (18.5 kg)	48.9 lbs (22.2kg)
Rated Power Consumption	70W	
Temperature Range	-18°C to +10°C (0°F to 50°F)	
Power Source	DC 12V / 24V	
Rated Current	7.0A / 3.5A	
Fuse	15A	

68.7Qt (65L) FRIDGE

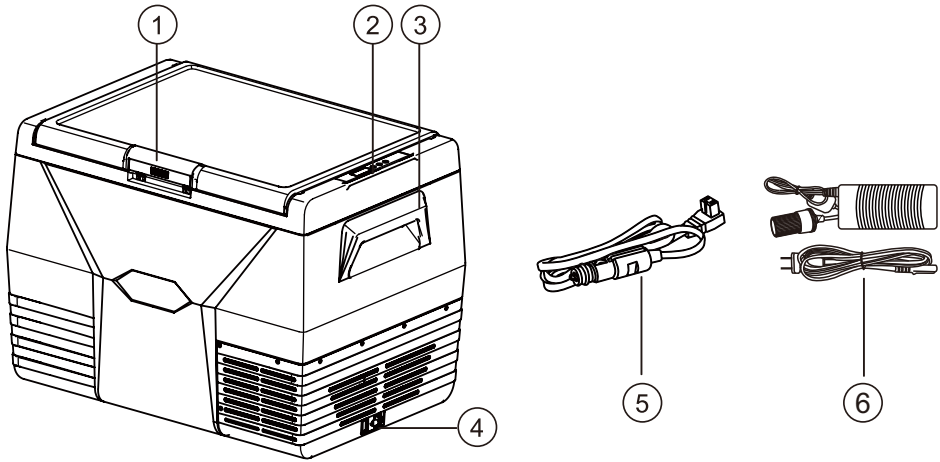


79.3Qt (75L) FRIDGE



3.OVERVIEW

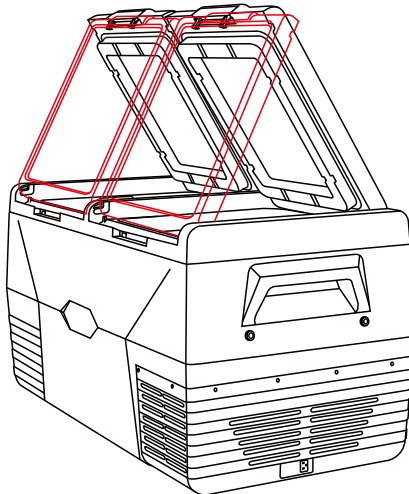
1. Lid Latches
2. Control Panel
3. Carry Handle
4. Power Input Panel
5. 12V/24V DC Power Cable
6. AC/DC Power Adaptor



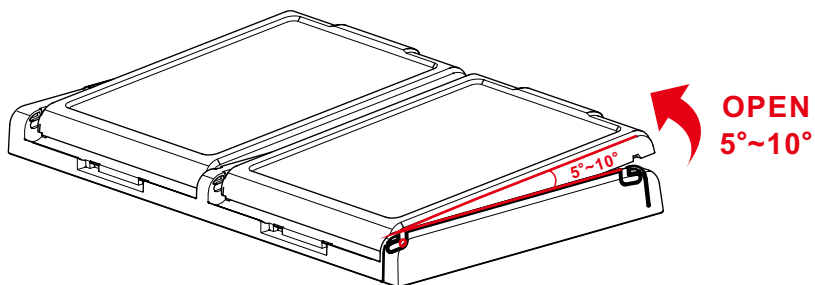
4.INSULATED REVERSIBLE LID

The lid is insulated and reversible showing in Figure 1, so it will suit any vehicle or set up.

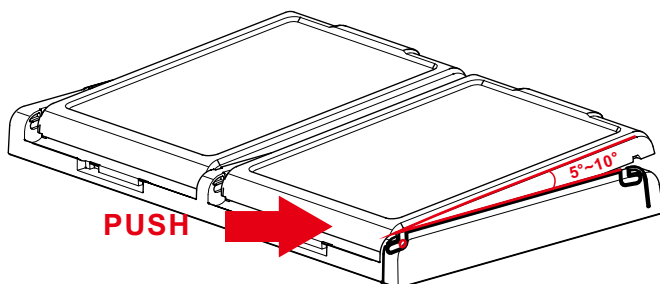
Figure 1



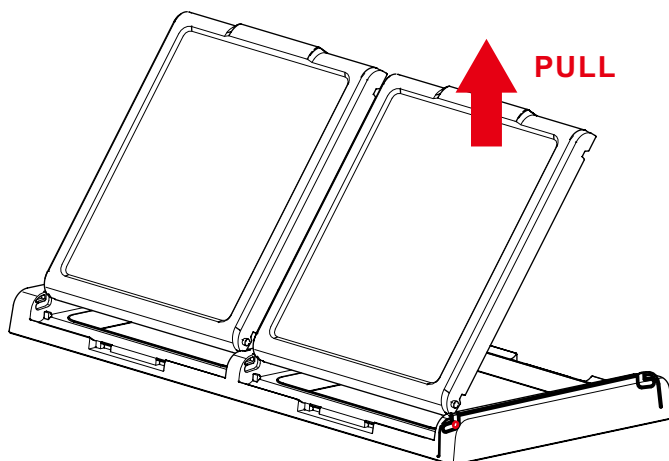
STEP 1:Open the lid to 5°~10° .



STEP 2:Give the lid a hard push.



STEP 3:Take the lid out as the figure shows.



5.GETTING STARTE

Some Reminders

1. If the device was not placed in the upright position after transit and delivery, **please keep it upright for 24 hours** to make sure that the compressor can work properly.
2. If the device can't turn on or you encounter other problems for first time use, please contact us for help.
3. **Pre-cool** the empty unit before using it to enhance system efficiency.

6.OPERATION

1. HOW TO USE THE REFRIGERATOR

- 1.1Connecting with 12V or 24V
- Connect the feeding cable to a direct current 24V DC power source.
- Make sure the polarity is right.
 - If connected to an existing cigarette plug, please carefully check up that power supply is sufficient.
 - If the supplied power cable is not used, please see the table containing the information related to the cable section:
The Fridge/Freezer is designed to operate on DC voltage inputs.

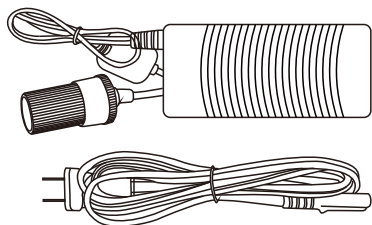
DC input	12V or 24V
DC cable	2.5m,16AWG



1.2 Connecting with 110-240V

Note: The Fridge/Freezer is designed to operate on DC voltage inputs only. Use the supplied AC/DC adaptor to operate fridge on 240V AC.

- The coolers have an integrated multi-voltage power supply with priority circuit for connecting to an AC voltage source of 110-240V. The priority circuit automatically switches the cooler to mains operation, if the device is connected to a 120/240V AC mains, even if the 12/24V connection cable is still attached. In order to protect the freezer and cigarette socket, we suggest use with one power supply.



2. 65L OPERATION

2.1 Switched-on/off



Connect the fridge to a power source and short press “” to turn on the fridge. Short press “” to power off.

2.2 Adjusting The Temperature

With the appliance turned on, short press the “ + ” button to increase the temperature and the “ - ” to decrease the temperature. The highest temp is 10°C, the lowest -18°C.

NOTE: hold down the “+” or “-” button to fast scroll.

2.3 Swapping Between Fahrenheit (°F) Or Celsius (°C) And Battery Protection Settings

NOTE: To swap between C or F on the display you must have the fridge plugged in and turned off.

Step 1: Long press “ + ” and “ - ” buttons at the same time for 3 seconds to enter the advanced settings.

Step 2: When the advanced settings appears, short press “ on/off ” button to cycle into PR (protection settings), or F/C function (Fahrenheit/Celsius switch mode).

Step 3: With F/C showing on screen, short press “ + ” or “ - ” can convert Celsius to Fahrenheit. F refers to Fahrenheit, C refers to Celsius.

Step 4: With PR showing on screen (protection settings), short press “ + ” or “ - ” to set the below voltage protection levels.

2.4 Battery Protection Level

What is Battery Protection Settings?

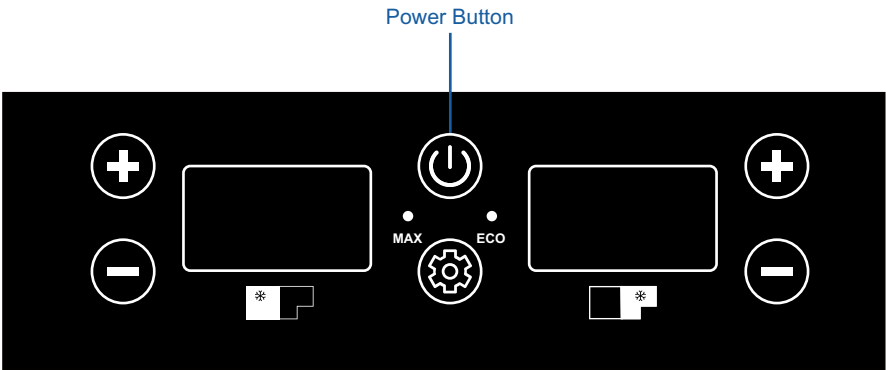
This function is designed to prevent over-discharge and battery depletion. When the measured DC voltage is below the Cut-off value, the compressor will shut off to prevent battery depletion. After the voltage is higher than Start-up value, the compressor will go back to work again. Improper protection setting or low-power battery may cause E1 error, please lower the battery protection or recharge the battery in time.

Protection Level Power Source	Mid Level is the Default Setting					
	HIGH		MID		LOW	
	Display		Display		Display	
	Start-up	Cut-off	Start-up	Cut-off	Start-up	Cut-off
12V	12.4V	11.1V	11.7V	10.4V	10.9V	9.6V
24V	25.7V	24.3V	24.2V	22.8V	22.7V	21.3V

3. 75L OPERATION

3.1 Switched-on/off

With the unit plugged in, press **Power Button** to switch on/off the unit.



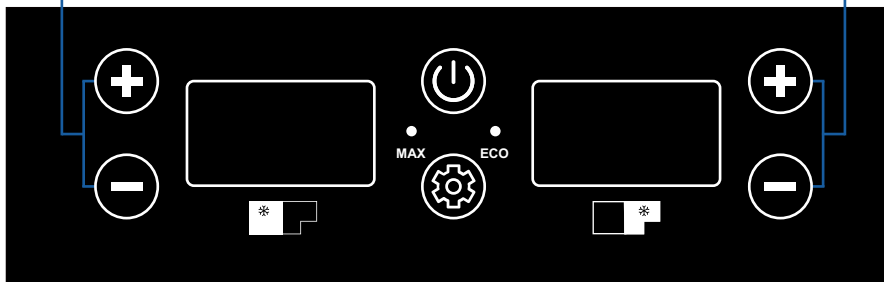
3.2 Temperature Adjustment

Note: After several seconds of inactivity the screen will return to the current “real time” temperature.

Press corresponding “+” or “-” to adjust the target temperature, the target value will flash on the gauge. The temperature will change one degree on every press. **Holding** the button can accelerate the changing process.

Left-Compt Temperature
Adjustment Buttons

Right-Compt Temperature
Adjustment Buttons



3.3. Switch Between °C to °F And Battery Protection Settings

Note: To swap between C or F on the display you must have the fridge plugged in and turned off, which means that the fridge enters the stand-by mode.

Step 1: Press and hold “+” and “-” Right-Compt Temperature Adjustment buttons at the same time for 3 seconds to enter the advanced settings.

Step 2: When the advanced settings appears, press “(I)” to cycle into PR (protection settings), or F/C function (Fahrenheit/Celsius switch mode)

Step 3: With F/C showing on screen, press “ + ” or “ - ” button can convert Celsius to Fahrenheit. F refers to Fahrenheit, C refers to Celsius.

Step 4: With PR showing on screen (protection settings), press “ + ” or “ - ” button to set the below voltage protection levels.

3.4 Battery Protection Level

What is Battery Protection Settings?

This function is designed to prevent over-discharge and battery depletion. When the measured DC voltage is below the Cut-off value, the compressor will shut off to prevent battery depletion. After the voltage is higher than Start-up value, the compressor will go back to work again. Improper protection setting or low-power battery may cause E1 error, please lower the battery protection or recharge the battery in time.

Protection Level Power Source	Mid Level is the Default Setting					
	HIGH		MID		LOW	
Display	≡≡		==		--	
	Start-up	Cut-off	Start-up	Cut-off	Start-up	Cut-off
12V	12.4V	11.1V	11.7V	10.4V	10.9V	9.6V
24V	25.7V	24.3V	24.2V	22.8V	22.7V	21.3V

3. 5 Faster Cooling (MAX) & Efficient Cooling (ECO) Settings
Press the “⚙️” to switch between the ECO and MAX settings. The indicator light will illuminatenext to the selected mode, blue (MAX) or green (ECO).



7.TROUBLESHOOTING

1.POWER CUTTING IN/OUT

- The 50L and 65L fridges both have an inbuilt voltage meter on the main screen that shows the current voltage, however the 75L does not. Use the voltage meter to help troubleshoot circuit and battery faults.
- Your fridge has built in battery protection and needs a minimum 10.9V to start and 9.6V to continue operating.
- During operation a load is placed on the circuit and power supply and the voltage can drop by as much as 2V, many things can affect voltage drop, such as: increased resistance from long cables, or cables that are undersized or oversized for the application. Poor or loose connections can also increase resistance.

For example: The fridge turns on runs for 1 minute then turns off. The likely problem is that the battery and wiring circuit have sufficient voltage to start but when a load is applied (thecompressor starting) the voltage will drop below 9.6 and the fridge turns off. This cycle will repeat as the load is removed from the battery the voltage will begin to show 10.6 which is enough to start the cycle again. Try to test fridge with 2 separate batteries before raising a warranty claim.

NOTE: If the fridge is able to run on the AC/DC transformer the problem is likely a faulty battery, wiring or connection.



2. COMMON 12V POWER SUPPLY ISSUES

Wiring

The standard wiring from the car battery to the 12V outlet may not be rated to power the fridge.

Ensure the wire gauge is of sufficient size to supply the fridge's current draw over the length required.

If unsure, check with the vehicles instruction manual or, contact a local automotive electrician for advice.

NOTE: Always fuse wiring with an in-line 15A fuse as close as reasonable possible to the power source (i.e. the battery).

Battery

The car battery could be old, undersized or have a dead cell causing too much voltage drop. If the battery contains a dead cell it may still show that it has voltage with no load applied. When a load is applied the cell will drop and subsequently so will the voltage.

Connections

The 12V plug, car 12V socket or any of the connections between the fridge and the battery could be faulty or have come loose since installation.

CADE	DESCRIPTION	ACTION
E1	Battery Voltage is low.	Check battery voltage and adjust Low Voltage Cut-Off as required.
E2	Fan failure / Frequent start-stop.	Contact point of sale to arrange further action.
E3	Compressor startup problems.	Check air vents are clear. Move fridge to cooler location (ambient temperature may be too high).
E4	Compressor's running speed fails to reach the requirements.	
E5	The model is overloading.	
E6	NTC failure (open circuit or short circuit)	

8. WARRANTY & RETURN

1 Warranty

- 3-year Warranty for The Compressor
- 1-year General Warranty
- For Warranty Registration, please contact us for more information.

2 Customer Service

- If the product is received damaged or defective, you can contact us via these ways:
 - Customer Support Email: support@setpowerusa.com
 - Amazon Message Service
- If you email us, these information needs to be included:
 - Order ID
 - Unit Model
 - Phone number
 - Description of the Defect
 - Delivery Address
 - Videos or Photos Related to The Defect

Note:

- **Videos or photos** is preferred, because they can help us find out the reason causing the issue and improve the efficiency of solving problems.
- If calling the customer service number out of working time, you can leave a voice/text message. We will respond to you after getting back to work.

3 Return Policy

— Amazon-Fulfilled Order

The postage is afforded by Amazon in Amazon return window.

If the return window is expired but still in warranty, the return policy will be same as seller-fulfilled order.

— Seller-Fulfilled Order

If the warranty is not expired, the postage is afforded when the return is confirmed to be caused by **QUALITY ISSUE** of our products.

4 Refund & Replacement

- For returns or exchanges, all accessories must be returned in the original condition and packaging.
- After the unit is shipped, please provide us with the tracking number and carrier, so we can track it and process the refund in time.
- After the package is delivered back to our warehouse, a full refund will be initiated.
- If you file a return request on Amazon, we will process it in 48 hours and contact you via Amazon Message Service, please pay attention to your Amazon Message Box or Email in order to **avoid missing important notifications.**



OUR GUARANTEE

SetPower product comes with a 3-year warranty on the compressor and 1 year warranty on all other parts for your peace of mind. In the unlikely event this product fails when used according to our user guide, we will either repair or replace it. For full warranty terms and conditions on this product, please see the user guide.

We'd welcome you contact us support@setpowerusa.com if you have any question about the product.

Quality Service Guarantee

This product is warranted for 3 years on the compressor and 1 year for all other parts from the date of purchase. Our goods come with guarantees that cannot be excluded under the Local Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Warranty does not cover products that have not been used in accordance with user guide or are outside the warranty terms and conditions.



official@setpowerusa.com
support@setpowerusa.com

SetPower

3-YEAR WARRANTY

