SetPower

X50

User Manual

V1.0

CONTENT

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.

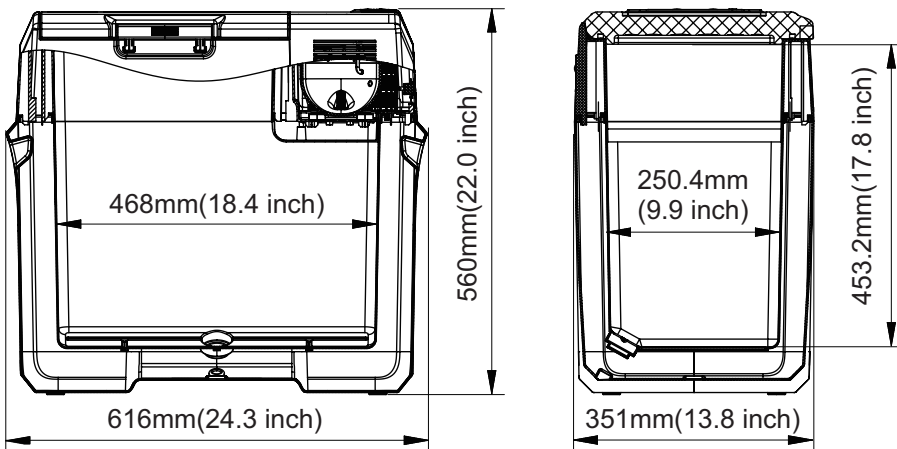## RISK OF CHILD ENTRAPMENT

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 X50	
External dimensions(LxWxH)	616×351×560 mm (24.3x13.8x22.0 inch)
Net weight	16.0 kg (35.3 lbs)
Storage volume	50 liters (52.8 quarts)
Supply voltage	DC 12V/24V
Rated current	7.8A/3.9A
Temperature setting	-20°C to + 20°C (-4°F to 68°F)
USB	5V/2A(Output)

52.8Qt (50L) FRIDGE

468mm(18.4 inch)

560mm(22.0 inch)

616mm(24.3 inch)

250.4mm (9.9 inch)

453.2mm(17.8 inch)

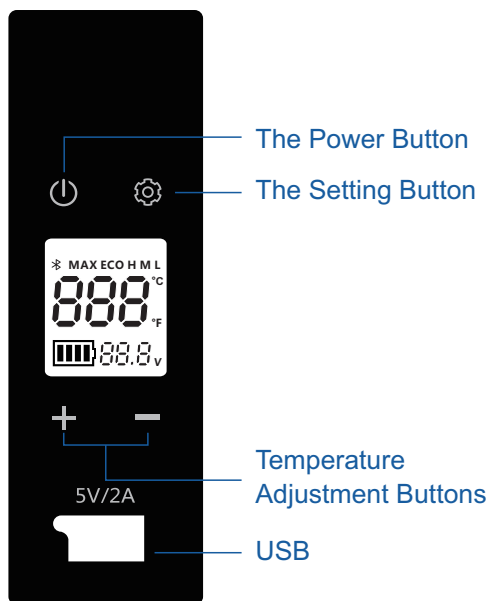351mm(13.8 inch)

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.

4.OPERATION

The Power Button

The Setting Button

Temperature
Adjustment Buttons

5V/2A

USB

1. Switched-on/off

With the unit plugged in, long press the Power Button "⏻" to switch on/off the unit.

2. Temperature Adjustment

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.

Tips: Holding the button can accelerate the changing process.

3. Settings Menu

With the unit turned on, press and hold the setting Button "⚙" for 3 seconds to enter into the Settings Menu, which contains three functions, **Battery Protection Settings**(H/M/L), **°C / °F Settings** and **MAX/ECO Settings**. The target setting will flash on the gauge when press and hold the setting Button "⚙" for 3 seconds, which means that the unit enter into the setting menu. Then short press the setting button "⚙" to choose the 3 of functions when enter into the Settings Menu.

a) **MAX / ECO Settings:** Short press "+" or "-" button to toggle between MAX and ECO when MAX / ECO flashes on the gauge.
b) **°C / °F Settings:** Short press "+" or "-" button to toggle between °C and °F when °C / °F flashes on the gauge.
c) **Battery Protection Settings:** Short press "+" or "-" button to switch H / M / L when H / M / L flashes on the gauge.

Battery protection Level

Protection Level / Power Source	Mid Level is the Default Setting					
	HIGH		MID		LOW	
	Start-up	Cut-off	Start-up	Cut-off	Start-up	Cut-off
12V	12.4V	11.1V	11.7V	10.4V	10.9V	8.5V
24V	25.7V	24.3V	24.2V	22.8V	22.7V	21.3V

4. Built-in Battery Operation

How to charge the battery

There are two ways to charge the battery:

1) Use the specific cord from us to charge the battery. When the battery is in the charging state, the light will flash.

2) When the battery is running out, the light of the battery will not be light up even though you long press the button. At this point, plz put the battery into the fridge to charge the battery for a few hours with the fridge plugged in. After the battery is automatically charged, it can be used again.

3) Put the battery into the fridge to charge the battery. Then press and hold the button showing in Figure 1 for 3 seconds to switch the battery on. The light will turn green and the capacity will be displayed on the screen. When the battery is in the charging state, the capacity will show the dynamic effect. When it is full, all 4 bars are illuminated, as Figure2 shows.
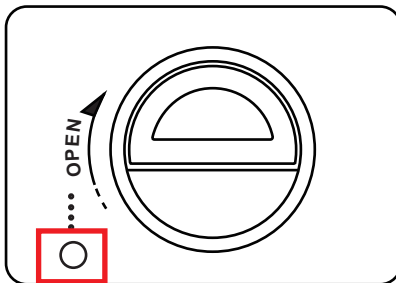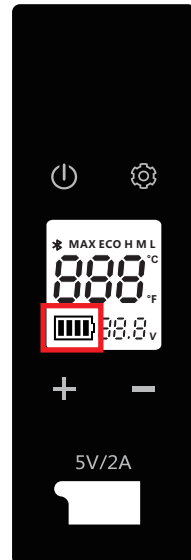
Figure 1

Figure 2

Operating Mode and Battery Protection in different power supply (Battery or External Power Supply)

Current Power Supply	Performed Operation	Operating Mode	Battery Protection Mode
No Power Supply	Plugged into External Power Supply(AC/DC)	Restore to the state before the power is disconnected.	
	Plugged into Built-in Battery	Switch to ECO Mode	Switch to L Level
Only Powered by External Power Supply	Plugged into Built-in Battery	No Changes	
Only Powered by Built-in Battery	Plugged into External Power Supply(AC/DC)	No Changes	Switch to M Level
Powered by both External Power Supply and Built-in Battery	Disconnected from External Power Supply (AC/DC)	Switch to ECO Mode	Switch to L Level
	Disconnected from Built-in Battery	No Changes	Switch to M Level

5. Wireless Charging

1. Make sure that the device you used could support wireless charging and be placed in the charging area.
    Note: We suggest you can move up a bit if your phone could not be charging that was placed in the charging area, showing in Figure 3.

2. Rated Charging Power induction coil: 15W
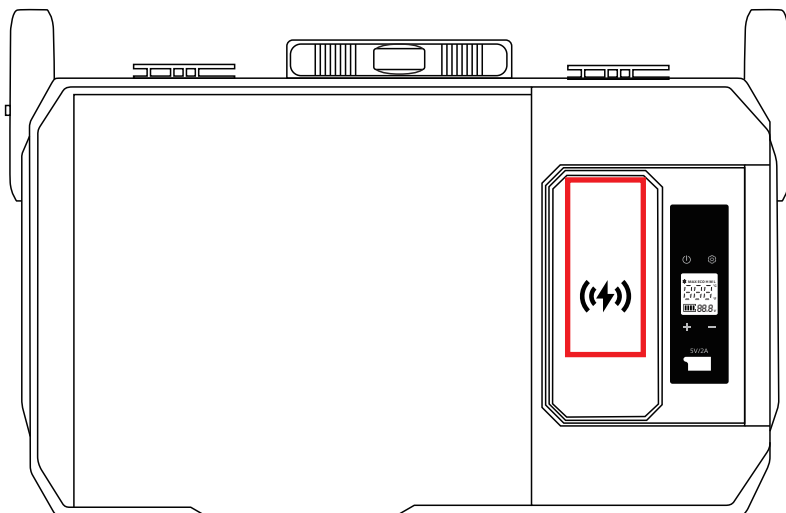
3. Only support charging one device at the same time.

Figure 3

5.ERROR CODES

The fridge will get error codes when the fridge does not work properly.

Error Codes
E1   Low Input-Voltage Error
The Input DC voltage is below the protection setting and the battery protection is activated.
E2   Fan Error
The cooling fan overloads with more than 1A Current.
E3   Motor Start Error
The motor of compressor is blocked or the pressure difference in the refrigeration system is too high.
E4   Minimum Motor Speed Error
The compressor overloads and the motor can not maintain its minimum speed.
E5   Ambient Temperature Error
The refrigeration system overloads, or the ambient temperature is too high, the control is overheated.
E6   Thermal Sensor Fault
Thermal Sensor is open-circuited or short-circuited.
E9   Connection Fault Between display screen and Controller Board

When the battery failed, the battery icon displayed on the screen will flash in particular frequency, as the below chart shows.

Flashing Frequency	Error
1	Low Battery
OFF	Battery run out or battery insertion not detected

6.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.

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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