

[Manuals.plus](#) /

› [CANBORY](#) /

› CANBORY Heated Vest Battery Pack User Manual

## CANBORY RTPB-013

# CANBORY Heated Vest Battery Pack User Manual

Model: RTPB-013

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your CANBORY Heated Vest Battery Pack. This 12000mAh portable power bank is specifically designed to power 5V heated clothing such as vests, jackets, and pants, and can also charge various USB-powered devices. Please read this manual thoroughly before use and retain it for future reference.



Image 1.1: The CANBORY Heated Vest Battery Pack, shown with compatible heated clothing and charging cables.

## 2. SAFETY INFORMATION

Your safety is paramount. This power bank incorporates multiple safety features to ensure reliable operation. Adhere to the following guidelines:

- Do not disassemble, modify, or repair the device yourself.
- Avoid exposure to extreme temperatures, direct sunlight, or high humidity.

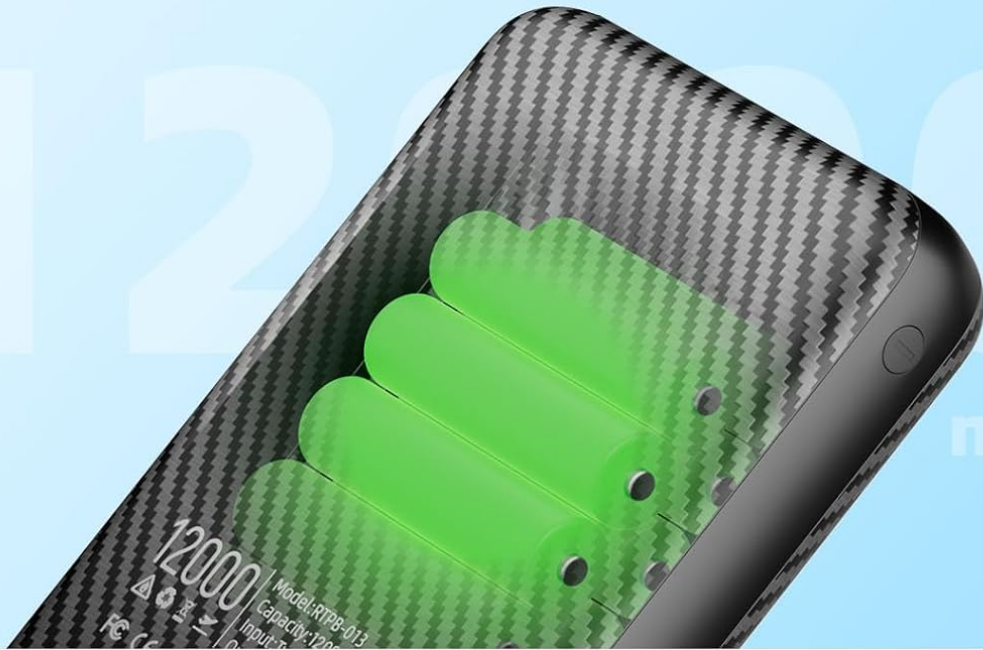
- Keep away from water and other liquids.
- Do not drop, puncture, or apply excessive force to the power bank.
- Use only compatible charging cables and adapters.
- This device is designed for 5V heated clothing. **It is not compatible with 7.4V heated suits or devices requiring a DC port.**
- Equipped with a smart chip, the power bank features safeguards against short circuits, overcharging, over-voltage, over-current, and over-discharge.



Image 2.1: The power bank features multiple protection mechanisms including short-circuit, over-current, over-voltage, and over-heat protection.

# 5V/2A 12000mAh POWER BANK

High-density A-grade *lithium polymer battery cells*



Heated Clothing

5-12 Hours



iPhone 13

3 Times



iPad Mini

2.5 Times



AirPods Pro

22 Times



Image 2.2: An intelligent chip provides comprehensive protection against various electrical faults.

### 3. PRODUCT FEATURES

The CANBORY Heated Vest Battery Pack offers a range of features for convenient and reliable power on the go:

- **High Capacity:** 12000mAh capacity with high-density A-grade lithium polymer cells.
- **Compact and Lightweight:** Designed for portability, easily fitting into pockets or small bags.
- **Dedicated for Heated Clothing:** Optimized 5V 2.4A power supply for heated vests, jackets, and pants.
- **Auto-Start Function:** Automatically powers on when connected to heated clothing, eliminating manual

activation. Enters sleep mode when inactive.

- **Versatile Charging:** Features one USB-A output port and one USB-C input/output port for charging various devices.
- **Airline Approved:** Suitable for air travel, adhering to common airline regulations for portable power banks.



Image 3.1: Overview of key features including 12000mAh capacity, lightweight design, multiple protections, and TSA compatibility.

# SAFETY & RELIABLE

Effortlessly For Palm or Pocket

Body Size  
**-40%**  
2/5 iPhone size

Weight  
**-10%**  
Only 4 Eggs weight

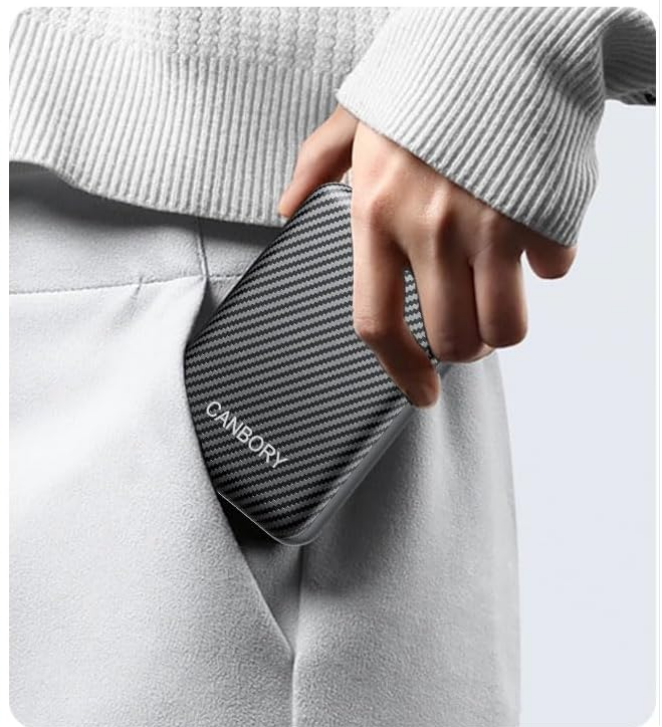


Image 3.2: The 12000mAh capacity provides 5-12 hours for heated clothing, approximately 3 charges for an iPhone 13, 2.5 charges for an iPad Mini, and 22 charges for AirPods Pro.

## DESIGNED WITH THE INNOVATIVE HEATING VEST

- Short-circuit Protection
- Over-current Protection
- Over-voltage Protection
- Over-heat Protection

Image 3.3: The power bank's compact dimensions (95mm x 65mm x 23mm) allow for easy portability in a palm or pocket.

# 12000 mAh

Empower Your journey around the world



Image 3.4: This battery pack is designed for 5V heated clothing with USB input and is not suitable for 7.4V heated clothing requiring a DC port.

## 4. SETUP

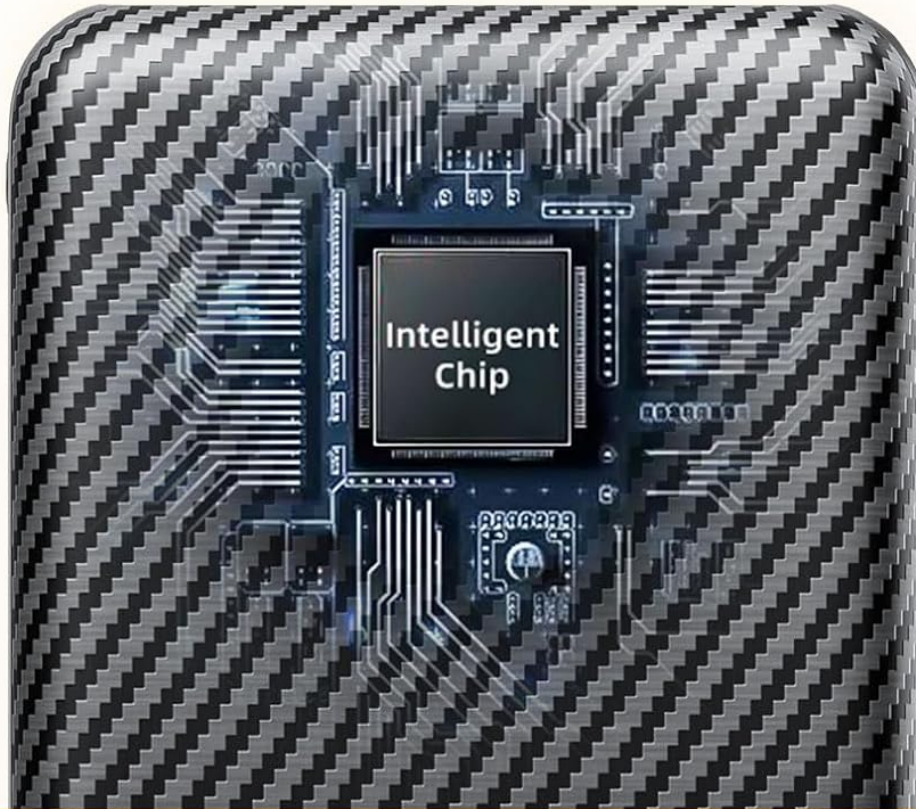
### 4.1 Charging the Power Bank

1. Connect a USB-C charging cable to the Type-C port on the power bank.
2. Connect the other end of the cable to a compatible 5V/2A or 5V/3A USB wall adapter (not included).
3. The LED indicator lights will illuminate to show the charging status. When all lights are solid, the power bank is fully charged.

### 4.2 Connecting to Heated Clothing

1. Locate the USB cable inside the pocket of your 5V heated vest, jacket, or pants.
2. Connect the USB end of the heated clothing's cable to one of the USB-A output ports on the power bank.
3. Ensure the connection is secure. The power bank will automatically activate and begin powering your heated clothing.

# INTELLIGENT CHIP



**Over Voltage  
Protection**



**Over Current  
Protection**



**Temperature  
Protection**



**Short Circuit  
Protection**



**Over Current  
Protection**



**Over Discharge  
Protection**

Image 4.1: The power bank features two USB-A output ports and one USB-C input/output port, along with an LED indicator light and power switch.

## 5. OPERATING INSTRUCTIONS

### 5.1 Using with Heated Clothing

Once connected to your 5V heated clothing, the power bank will automatically detect the connection and begin supplying power. There is no need to manually press a power button for activation. The heated clothing's own controls will manage the heat settings.

## Designed Specifically For Heated Clothing

Compatible with most heated devices (heated jackets for, heating vests, and pants) on the market

**Note: No DC port, not suit for 7.4v heated clothing.**

5V2A 12000mAh

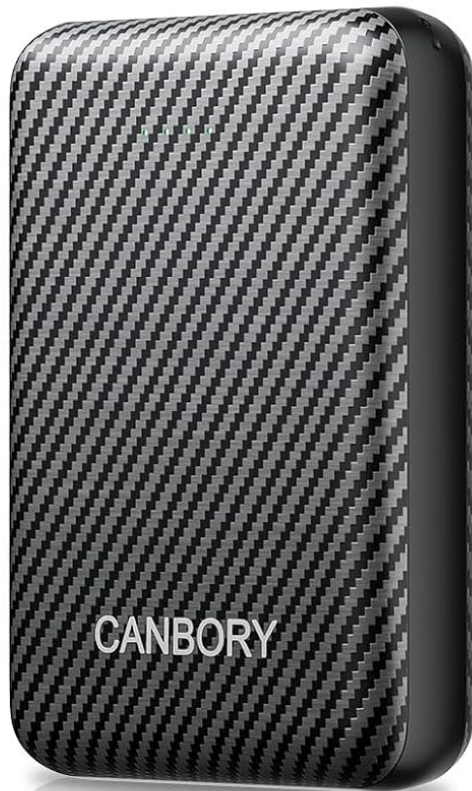


Image 5.1: The power bank seamlessly integrates with heated clothing, typically stored in a dedicated pocket.



Image 5.2: The power bank is specifically designed for 5V heated clothing, providing reliable warmth.

## 5.2 Using with Other USB Devices

To charge other devices such as smartphones, tablets, or earbuds:

1. Connect your device's charging cable to either the USB-A output port or the USB-C input/output port on the power bank.
2. The power bank will automatically begin charging your device.
3. To check the remaining battery level, briefly press the power switch. The LED indicators will show the current charge.



## Universal Compatibility



Heated Suit



iPhone



iPad

Image 5.3: The power bank offers universal compatibility, allowing you to charge various USB-powered devices.

## 6. MAINTENANCE

- Clean the power bank with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- For optimal battery health, fully charge the power bank at least once every three months if not in regular use.
- Avoid storing the power bank completely discharged for extended periods.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Power bank not charging	Charging cable or adapter faulty; power bank fully discharged; loose connection.	Try a different USB-C cable and wall adapter. Ensure all connections are secure. Allow a few minutes for a deeply discharged unit to respond to charging.
Heated clothing not turning on	Power bank is discharged; incorrect voltage (7.4V clothing); loose connection; clothing fault.	Charge the power bank. Confirm your heated clothing is 5V compatible. Ensure the USB connection is firm. Test the clothing with another 5V power source if possible.
Power bank not charging other devices	Power bank is discharged; device cable faulty; device not compatible.	Charge the power bank. Try a different charging cable for your device. Ensure your device is compatible with standard USB 5V charging.
Short battery life	High power consumption by device; power bank not fully charged; aging battery.	Ensure the power bank is fully charged before use. Reduce the heat setting on heated clothing if possible. Battery capacity naturally degrades over time.

## 8. SPECIFICATIONS

Feature	Detail
Brand	CANBORY
Model Number	RTPB-013
Battery Capacity	12000mAh (3.85V)
Type-C Input	5V-2.1A
USB-A Output	5V-2.4A
USB-B Output	5V-2.4A
Product Dimensions	3.7 x 2.52 x 0.91 inches (95 x 65 x 23 mm)
Item Weight	7 ounces (198g)
Recharge Cycles	>500 times
Special Features	Auto Shut-Off, Designed For Heating Vests, Lightweight
Connector Type	USB Type A, USB Type C



Image 8.1: Detailed product parameters for the CANBORY Battery Pack.

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact CANBORY customer service through the retailer where the product was purchased. Please have your model number (RTPB-013) and purchase details ready when contacting support.