

CANBORY RTAX-018S

CANBORY 12V Battery Pack User Manual

MODEL: RTAX-018S

1. Introduction

Thank you for choosing the CANBORY 12V Battery Pack, Model RTAX-018S. This versatile power bank is designed to provide reliable power for a wide range of devices, featuring 12V DC, 5V USB-A, and PD 18W USB-C outputs. With its high capacity and multiple safety features, it is an ideal power solution for heated apparel, LED strips, breast pumps, and other compatible electronics. Please read this manual thoroughly before use to ensure safe and optimal operation.

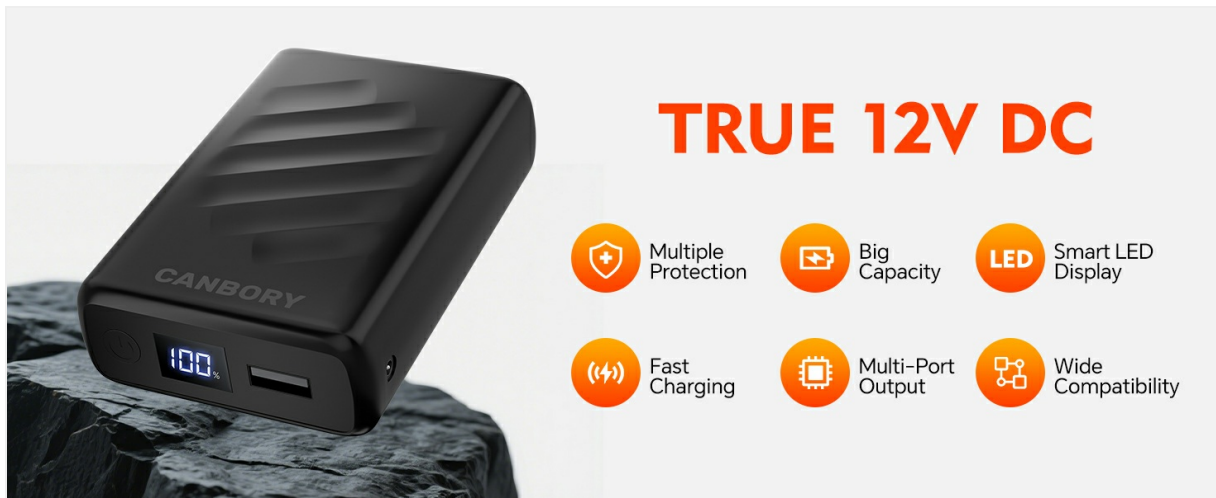


Figure 1: The CANBORY 12V Battery Pack providing stable power for various 12V compatible devices.

2. Important Safety Instructions

To prevent damage to the product or injury to yourself and others, always observe the following safety precautions:

- Do not expose the battery pack to extreme temperatures, direct sunlight, or fire.
- Do not immerse the battery pack in water or other liquids.

- Avoid dropping, puncturing, or disassembling the device.
- Keep out of reach of children.
- Use only specified chargers and cables for recharging.
- Do not use if the battery pack is damaged, swollen, or leaking.
- This device is equipped with an 8-layer protection system against over-charge, over-discharge, overvoltage, overheating, overpower, short-circuit, and overcurrent.



Figure 2: The 8-layer protection system ensures safe charging and operation.

3. Package Contents

Verify that all items are present in your package:

- 1 x CANBORY 12V Power Bank (Model RTAX-018S)
- 1 x User Manual
- 1 x DC 3.8 mm adaptor
- 1 x DC 5.5 mm adaptor
- 1 x USB Cable

4. Product Features

- **Universal Compatibility:** Features USB-A (5V 2A | 5V 3A | 9V 2A | 12V 1.5A), USB-C PD 18W in/out (5V 3A | 9V 2A | 12V 1.5A), and a dedicated 12V 1.8A DC barrel output.
- **High Capacity:** 20000 mAh (5V) / 6500 mAh (12V) high-density cells provide extended power.
- **Fast Recharge:** PD 18W USB-C input allows for quick recharging of the power bank in approximately 4.6 hours with a compatible PD 18W charger (not included).
- **Compact Design:** Measuring 3.62 × 2.70 × 1.31 inches and weighing 0.69 lb, it is highly portable.
- **LED Digital Display:** Clearly shows the remaining battery percentage.

90%+ ENERGY CONVERSION RATE

MORE POWER WHERE YOU NEED IT



4.5 Time
Iphone 13



1.8 Time
Ipad Pro



30 Time
Airpods Pro



5-12 Hours
Heated Jacket



Figure 3: The power bank features USB-A, USB-C, and DC output ports for multiple charging options.



Figure 4: The two-way USB-C port supports both charging the power bank and charging other devices.

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Video 1: An overview of the CANBORY 12V Battery Pack, demonstrating its features and compatibility with various devices.

5. Setup and Charging

Initial Charging

Before first use, fully charge the CANBORY 12V Battery Pack. Use a PD 18W (or higher) USB-C charger (not included) and the provided USB-C cable for optimal charging speed.

1. Connect the USB-C cable to the USB-C port on the power bank.
2. Connect the other end of the USB-C cable to a compatible PD 18W USB-C wall charger.
3. The LED digital display will show the charging progress. The battery pack is fully charged when the display shows 100%.

A full charge takes approximately 4.6 hours with an 18W PD charger.

Ultra Compact
Just 310g and pocket-sized

0.69LB

CANBORY



Figure 5: The power bank supports PD 18W fast charging for compatible devices.

6. Operating Instructions

Powering On/Off

- To power on the device, press the power button once. The LED display will illuminate.
- The device will automatically power off after a period of inactivity or when disconnected from devices.

Using the USB-A Output

Connect your 5V USB-compatible device (e.g., smartphone, tablet, earbuds) to the USB-A port using a suitable USB cable. The power bank will automatically begin charging.

Using the USB-C Output

Connect your USB-C compatible device to the USB-C port using a USB-C to USB-C cable. This port supports Power Delivery (PD) 18W for fast charging compatible devices.

Using the 12V DC Output

The 12V DC output is designed for devices requiring 12V power, such as heated jackets, LED strips, or breast pumps. Use the appropriate DC adapter (3.8mm or 5.5mm) provided if your device's DC plug does not fit directly.

1. Identify the correct DC adapter size for your device (3.8mm or 5.5mm).
2. Connect the chosen DC adapter to the 12V DC output port on the power bank.
3. Connect your 12V device to the DC adapter.

Note: The DC port cannot be used simultaneously with the other two ports (USB-A and USB-C).



Figure 6: The power bank includes 3.8mm and 5.5mm DC adapters for various 12V devices.

Checking Battery Level

Press the power button once to view the current battery percentage on the LED digital display.



Figure 7: The LED digital display shows the power level at a glance.

7. Maintenance

- **Cleaning:** Wipe the power bank with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the battery to approximately 50-70% every three months to maintain battery health.
- **Battery Longevity:** Avoid fully discharging the battery frequently. Recharge it before it drops to very low levels to prolong its lifespan.

8. Troubleshooting

Problem	Possible Solution
Power bank not charging	Ensure the charging cable and wall adapter are securely connected and functional. Use a PD 18W or higher USB-C charger.

Problem	Possible Solution
Device not charging from power bank	Check if the power bank is turned on. Ensure the cable connecting the device to the power bank is functional and correctly inserted. Verify device compatibility with the output port (USB-A, USB-C, or 12V DC). Remember the DC port cannot be used simultaneously with USB ports.
12V DC device disconnects easily	Ensure the DC adapter is firmly seated in both the power bank and your device. Some devices may have specific connector designs; ensure a snug fit.
LED display not working	Press the power button to activate the display. If it remains off, the battery might be completely depleted or the unit may require service.

9. Product Specifications

Feature	Detail
Model Number	RTAX-018S
Battery Capacity	20000 mAh (5V) / 6500 mAh (12V)
USB-A Output	5V 2A 5V 3A 9V 2A 12V 1.5A
USB-C PD In/Out	5V 3A 9V 2A 12V 1.5A (18W Max)
12V DC Output	12V 1.8A
Product Dimensions	3.7 x 2.8 x 1.5 inches
Item Weight	11 ounces (0.69 lb)
Special Features	12V DC output, Digital Display, Fast Charging, Over Charging Protection
Batteries Required	1 Lithium Ion battery (included)

10. Warranty and Customer Support

CANBORY products are designed and manufactured to the highest quality standards. For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official CANBORY website. Please retain your proof of purchase for any warranty claims.