

## RESONATE CRU12V2A

# Resonate RouterUPS® Gen2 Instruction Manual

Model: CRU12V2A

## 1. INTRODUCTION

The Resonate RouterUPS® Gen2 is a compact and intelligent Uninterrupted Power Supply (UPS) designed to provide seamless power backup for your 12V WiFi router and modem. This device ensures uninterrupted internet connectivity during power outages, making it ideal for work, study, gaming, and entertainment. With its intelligent charging technology and robust battery, the RouterUPS® Gen2 offers reliable performance and enhanced safety.

## 2. PACKAGE CONTENTS

Upon opening your Resonate RouterUPS® Gen2 package, you should find the following items:

- RouterUPS® Gen2 Unit (1)
- Bridge Cables (3)
- Instruction Manual (1)
- Warranty Card (1)

If any items are missing or damaged, please contact customer support immediately.

## 3. SETUP AND INSTALLATION

The Resonate RouterUPS® Gen2 features a plug-and-play design for quick and easy installation, typically within 30 seconds. Follow these steps to set up your device:

1. **Check Router Compatibility:** Ensure your WiFi router operates on 12V and requires up to 2A of power. You can find this information on your router's power label. For high-power routers (e.g., NetLink, Syrotech, Alphon), consider the CRU12V3A variant.
2. **Connect RouterUPS:** Disconnect your router's original AC/DC adapter from the router. Connect the output cable from the RouterUPS® to your WiFi router's power input port.

3. **Connect Router Adapter:** Connect your router's original AC/DC adapter to the input port of the RouterUPS®. Then, plug the router's adapter into a wall outlet.
4. **Power On:** Ensure the ON/OFF switch on the RouterUPS® is in the 'ON' position. The power indicator light will illuminate.



Figure 1: RouterUPS® connection diagram. The RouterUPS connects between your WiFi router and its original AC/DC adapter, which then plugs into the wall outlet.

Video 1: Unboxing and installation guide for the Resonate RouterUPS®, demonstrating how to connect the device to your router and power source.

## 4. OPERATION

Once installed, the Resonate RouterUPS® Gen2 operates automatically to provide continuous power to your router.

- **Automatic Switching:** The RouterUPS® features zero-lag ultra-fast switching. In the event of a power cut, it seamlessly transitions to battery backup mode without interrupting your internet connection. When power is restored, it automatically switches back to mains power and begins recharging its internal battery.
- **Power Backup:** Equipped with 3 x 2600mAh high-capacity lithium-ion batteries (7800mAh total), the RouterUPS® Gen2 provides up to 6 hours of power backup, ensuring extended internet availability during outages. (Note: Average battery life is approximately 4 hours, as per specifications, but can extend up to 6 hours depending on router power consumption).
- **Intelligent Charging:** The device incorporates advanced intelligent charging technology to optimize battery life and prevent overcharging.
- **Power Indicator:** The LED indicator on the device shows its operational status. Typically, a green light indicates power backup mode is active, while a red light indicates power supply mode is on.



Figure 2: Key operational features of the RouterUPS® Gen2.

## 5. MAINTENANCE

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To ensure the longevity and optimal performance of your Resonate RouterUPS® Gen2, consider the following maintenance aspects:

- **Battery Renewal Program:** Resonate offers an affordable battery replacement program. If your RouterUPS® battery life diminishes over time, you can replace the batteries easily, starting at ₹799. This program ensures long-term value and responsible e-waste disposal.
- **Cleaning:** Periodically clean the exterior of the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Storage:** If storing the device for an extended period, ensure it is fully charged and stored in a cool, dry place.

All good things come to an end. Even the battery in your RESONATE RouterUPS device, that has been providing you un-interrupted internet for so long.

# EASY BATTERY RENEWAL ₹799/- PROGRAM

As an ecologically responsible company, we are committed to ensuring safe disposal of e-waste. Reason why we are offering you a **battery replacement option**. So you make the most of your RESONATE RouterUPS, while we safely dispose your old battery. **A win for you, a win for the environment.**



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 RESONATE  
**RouterUPS® GEN2**  
UNINTERRUPTED WIFI

Figure 3: Information on the Resonate Battery Renewal Program.

## 6. TROUBLESHOOTING

If you encounter any issues with your Resonate RouterUPS® Gen2, please refer to the following common troubleshooting tips:

### • No Power/No Backup:

- Ensure all cables are securely connected to the RouterUPS® and your router.
- Verify that the RouterUPS® ON/OFF switch is in the 'ON' position.
- Check if the wall outlet is providing power.
- Confirm your router's power requirements (12V, up to 2A) match the RouterUPS® specifications.

### • Short Backup Time:

- Ensure the RouterUPS® has been fully charged (approximately 2 hours).
- Battery performance may degrade over time. Consider the battery renewal program if the issue persists.

- **Router Not Turning On:**

- Double-check the voltage and amperage compatibility of your router with the RouterUPS®.
- Ensure the correct bridge cables are used and properly connected.

For further assistance, please contact Resonate customer support.

## 7. SPECIFICATIONS

Feature	Detail
Brand	RESONATE
Model	CRU12V2A
Product Dimensions	2.5 x 5.9 x 2.5 cm; 190 g
Batteries	3 Lithium Ion batteries required (included)
Power Source	Input: 12V, <2A +/- 5%; Output: 12V, <2A +/- 5%
Wattage	24 Watts
Voltage	12 Volts
Battery Average Life	4 Hours
Charging Time	2 Hours
Battery Cell Composition	Lithium Ion
Safety Certifications	BIS, CE, RoHS Certified
Country of Origin	India

The advertisement features a dark background with four white line-art icons of routers at the top, each with a label below it: "12V 0.5A", "12V 1A", "12V 1.5A", and "12V 2A". Below these icons, the text "COMPATIBLE with all 12V, <2A Devices." is displayed in white. In the center, a black Resonate RouterUPS Gen2 device is shown at an angle, with the brand name "RESONATE" and a logo on its side. At the bottom left, it says "Check the power rating on the back side of the router." At the bottom right, there is a circular badge with a smiley face and the text "10,00,000+ Happy Customers", and the product name "RESONATE RouterUPS® GEN2 UNINTERRUPTED WIFI" in white and orange.

Figure 4: Compatibility details for the RouterUPS® Gen2.

## 8. WARRANTY AND SUPPORT

Your Resonate RouterUPS® Gen2 comes with a standard brand warranty. For specific warranty terms and conditions, please refer to the included warranty card.

### Customer Support:

For any questions, technical assistance, or support regarding your RouterUPS® Gen2, please contact our dedicated customer care team:

- **Call:** 8296477911
- **WhatsApp:** 8296470911

Our team is available to provide prompt support and guidance.

We care for your world class experience.

 [care@resonate.store](mailto:care@resonate.store)  +91 82964 77911



10,00,000+  
Happy Customers

 **RESONATE**  
**RouterUPS<sup>®</sup> GEN2**  
UNINTERRUPTED WIFI

Figure 5: Resonate customer support contact information.

## 9. PRODUCT VIDEOS

Watch the official product videos for more information on setup, features, and benefits:

Video 2: An overview of the Resonate RouterUPS CRU12V2A, highlighting its power backup capabilities for uninterrupted internet.

Video 3: A short video showcasing the Resonate RouterUPS Gen2 Series, emphasizing its improved backup duration of up to 6 hours.