

Acuva 600120004

Acuva Solarix UV-LED Portable Disinfection Device (Model 600120004) User Manual

1. INTRODUCTION

Product Overview

The Acuva Solarix UV-LED Portable Disinfection Device is designed to provide rapid and effective sterilization of various surfaces. This portable UV wand utilizes advanced UV-LED technology to eliminate harmful microorganisms, including viruses and bacteria, in seconds. Its compact and foldable design makes it convenient for use at home, in the office, or while traveling.

Key features include:

- **UV-LED Portable Disinfection Device:** Certified by CSIR-CSIO, a premier national laboratory.
- **Powerful Disinfection:** Disinfects 99.9% of SARS-CoV-2 (the virus that causes COVID-19) and Human Coronavirus 229E.
- **Fast Action:** Achieves disinfection in under 10 seconds.
- **Enhanced Safety:** Engineered with multiple safety features to protect the user from accidental UV exposure.
- **Intuitive Operation:** Equipped with a visible blue light mapping system that clearly indicates the area being disinfected.



Image: The Acuva Solarix device in its folded, compact form, ready for portability.



Image: The Acuva Solarix device unfolded, revealing the UV-LED panel for disinfection.



Image: Disinfection effectiveness rates of the Solarix device, showing rapid sterilization.

2. SAFETY INFORMATION

WARNING: This device emits high-intensity Ultraviolet Light. To prevent injury, avoid direct eye and skin exposure to the UV light. Keep this device out of reach of children.

The Solarix device incorporates several safety features:

- **Positional Hall Effect Sensor:** The device operates only when unfolded beyond a 180-degree angle, preventing accidental UV exposure.
- **Child Lock Switch:** A physical switch to prevent unintended activation.
- **Double-Click Activation:** Requires a double-click to turn on the UV-LEDs, reducing accidental activation.
- **3-Minute Timer:** Automatically turns off after 3 minutes to prevent overexposure.
- **Ozone-Free Operation:** Does not generate ozone, avoiding harmful gas formation.

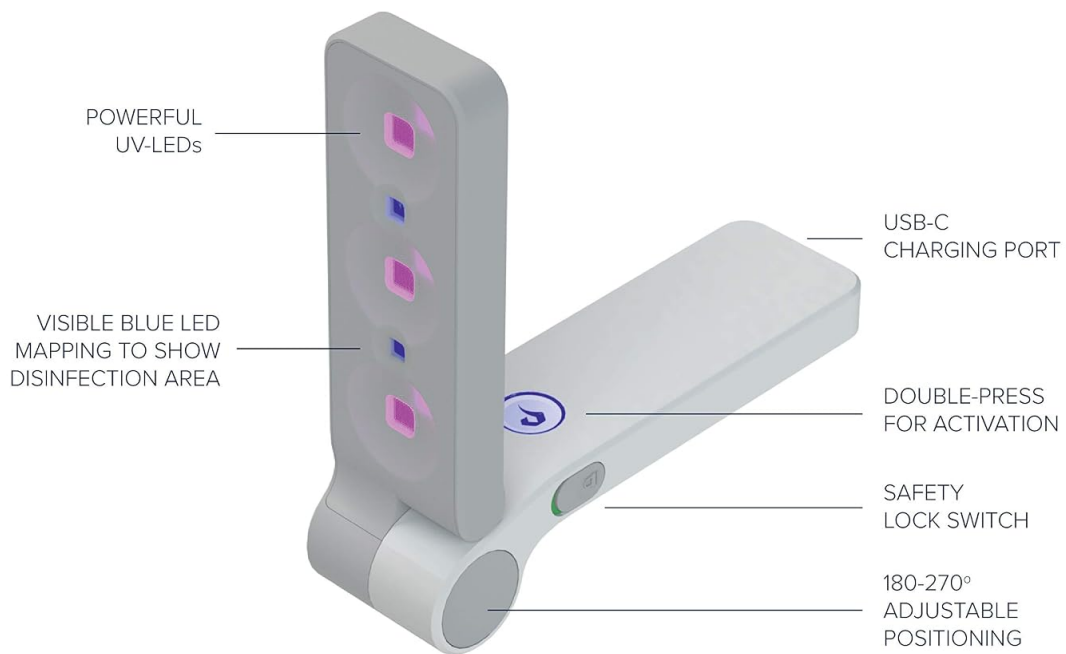


Image: Overview of the device's components and safety features.

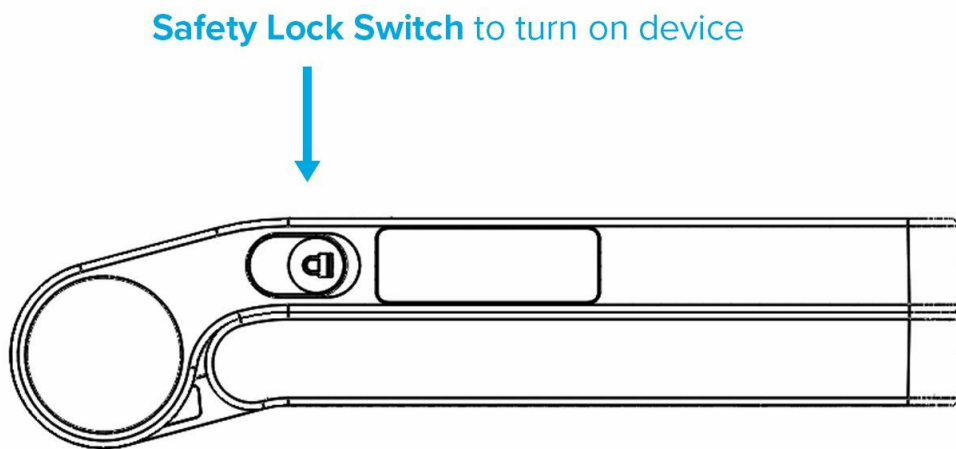


Image: Illustration of the Safety Lock Switch, which must be engaged to operate the device.

3. WHAT'S IN THE BOX

Upon unboxing your Acuva Solarix UV-LED Portable Disinfection Device, please ensure all the following components are present:

- Solarix UV LED Portable Disinfection Device
- USB C- Charging Cable

- Protective Gloves
- User's Manual (this document)

4. SETUP

Charging the Device

Before first use, fully charge the Solarix device using the provided USB-C charging cable. Connect the cable to the USB-C port on the device and a compatible power source (e.g., a USB wall adapter or computer USB port). The charging indicator light will show the charging status.

Initial Device Preparation

1. **Unfold the Device:** Gently unfold the device until it extends beyond a 180-degree angle. The device is designed to operate only when unfolded to this position or further, up to 270 degrees.
2. **Unlock the Child Lock:** Locate the sliding child lock switch and slide it to the 'unlocked' position. Refer to the safety information section for an image of the safety lock switch.

5. OPERATING INSTRUCTIONS

Disinfection Process

Follow these steps for effective disinfection:

1. **Position the Device:** Hold the device approximately 5 cm (2 inches) above the surface you wish to disinfect.
2. **Activate UV-LEDs:** Double-click the activation button to turn on the UV-LEDs. The visible blue light will illuminate the disinfection area.

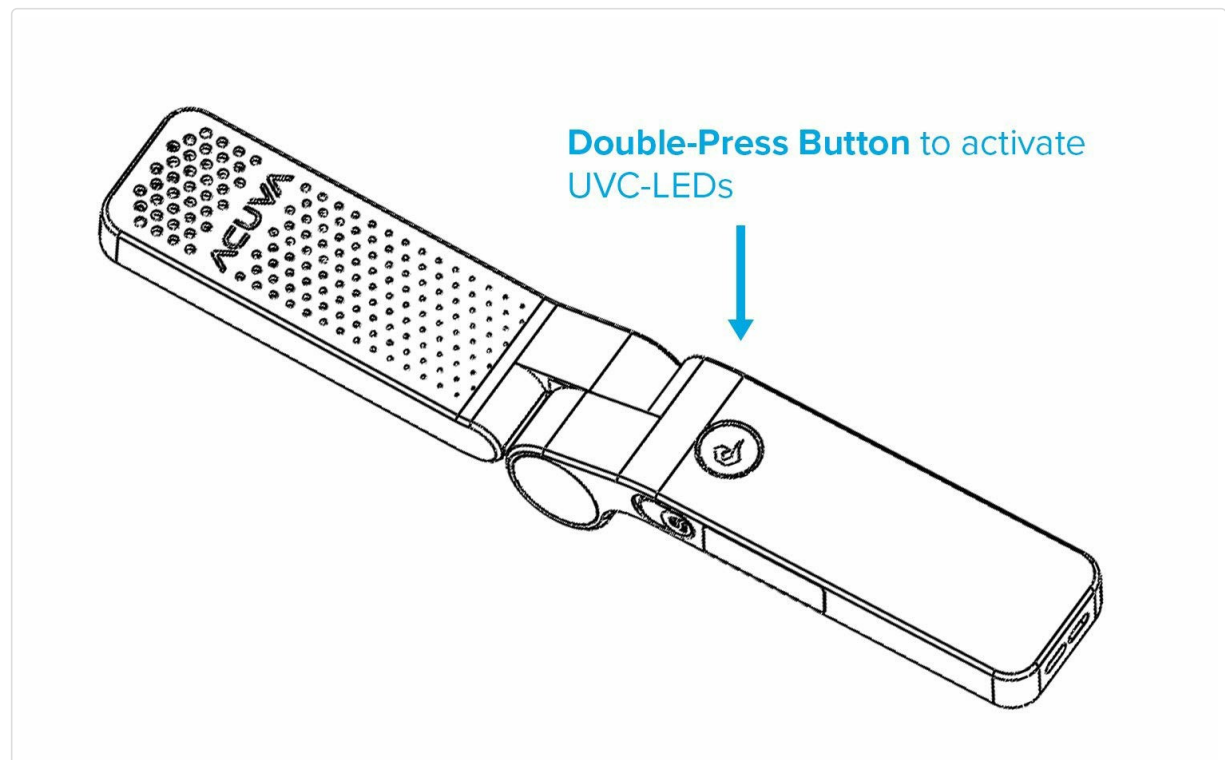


Image: Location of the double-press button for activating the UV-LEDs.

Visible blue mapping
to show area that
is being disinfected

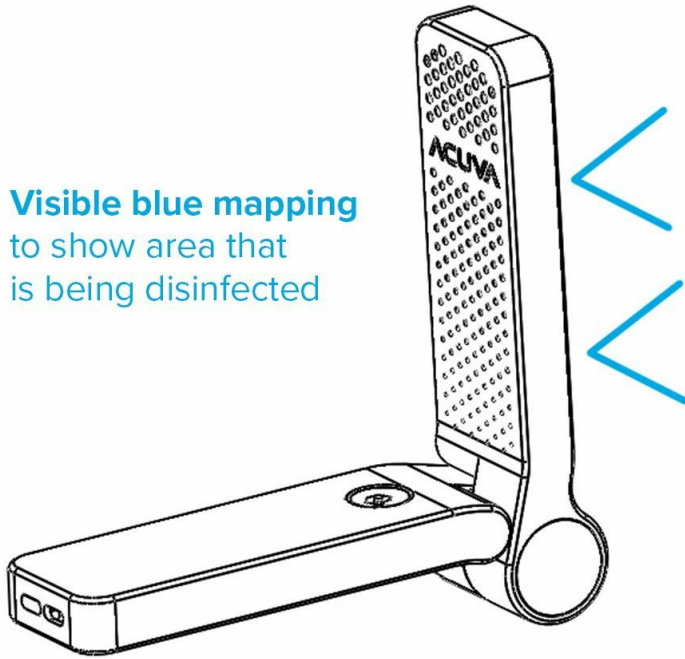


Image: The visible blue light indicates the active disinfection zone.

3. **Disinfect the Surface:** Slowly move the device back and forth over the target surface approximately 5 times to ensure thorough coverage.
4. **Deactivate and Store:** After disinfection, switch off the device (it will also automatically turn off after 3 minutes). Fold the device back into its compact form and engage the child lock switch for safe storage.

Usage Examples

The Solarix device is versatile and can be used to sterilize a wide range of items and surfaces:

- **Personal Items:** Mobile phones, keys, wallets, glasses.
- **Home Surfaces:** Sofas, beds, towels, carpets, computer keyboards, baby items.
- **Office & Public Spaces:** Office desks, hotel rooms, bathroom fixtures, shop counters.
- **Groceries & Packaging:** Disinfecting outer packaging of groceries.
- **Vehicle Interiors:** Car steering wheels, door handles, dashboards.

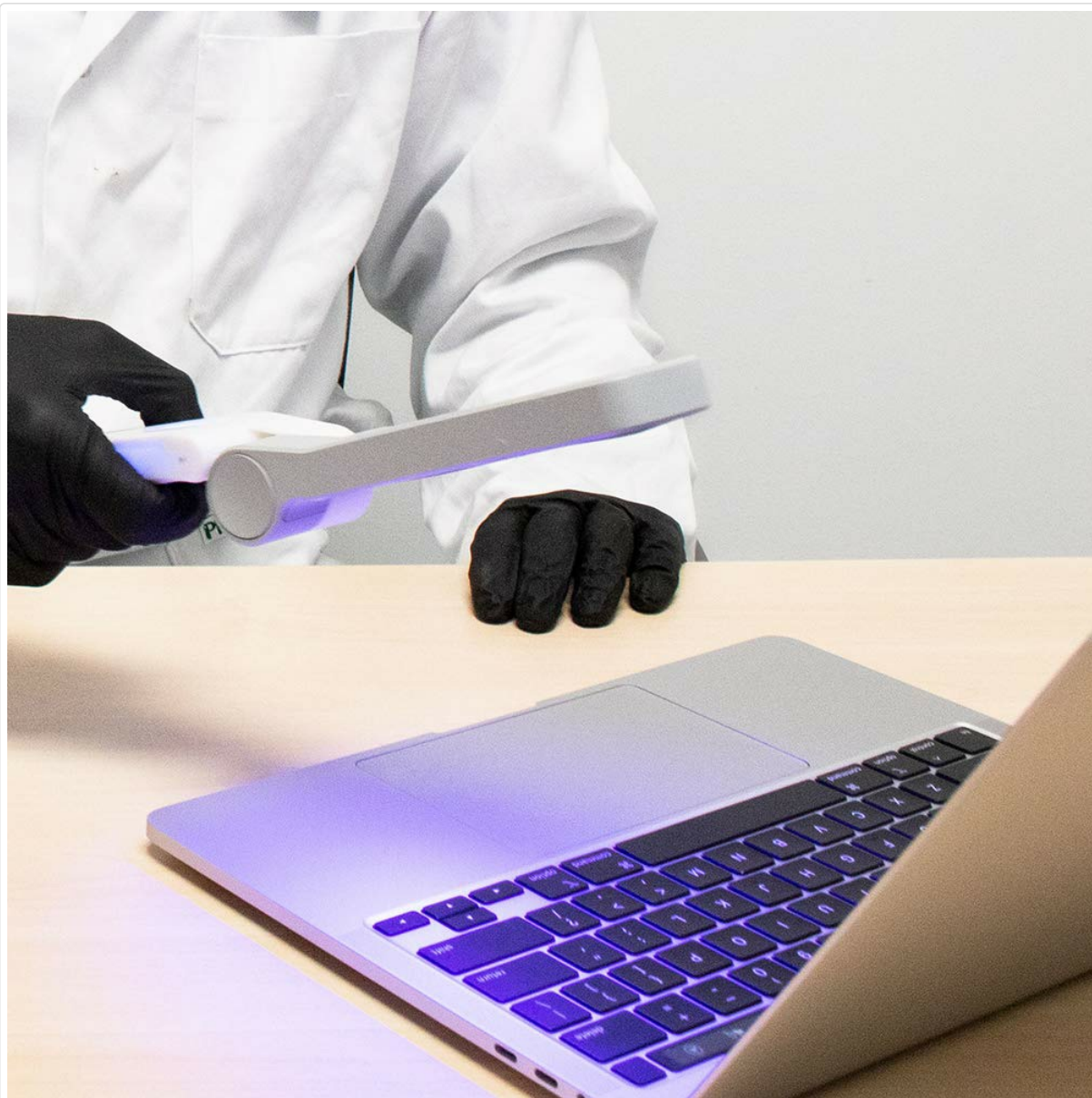


Image: Disinfecting a laptop keyboard with the Solarix device.



Image: Using the Solarix device to sanitize groceries.



Image: Sanitizing a car steering wheel for a cleaner driving experience.

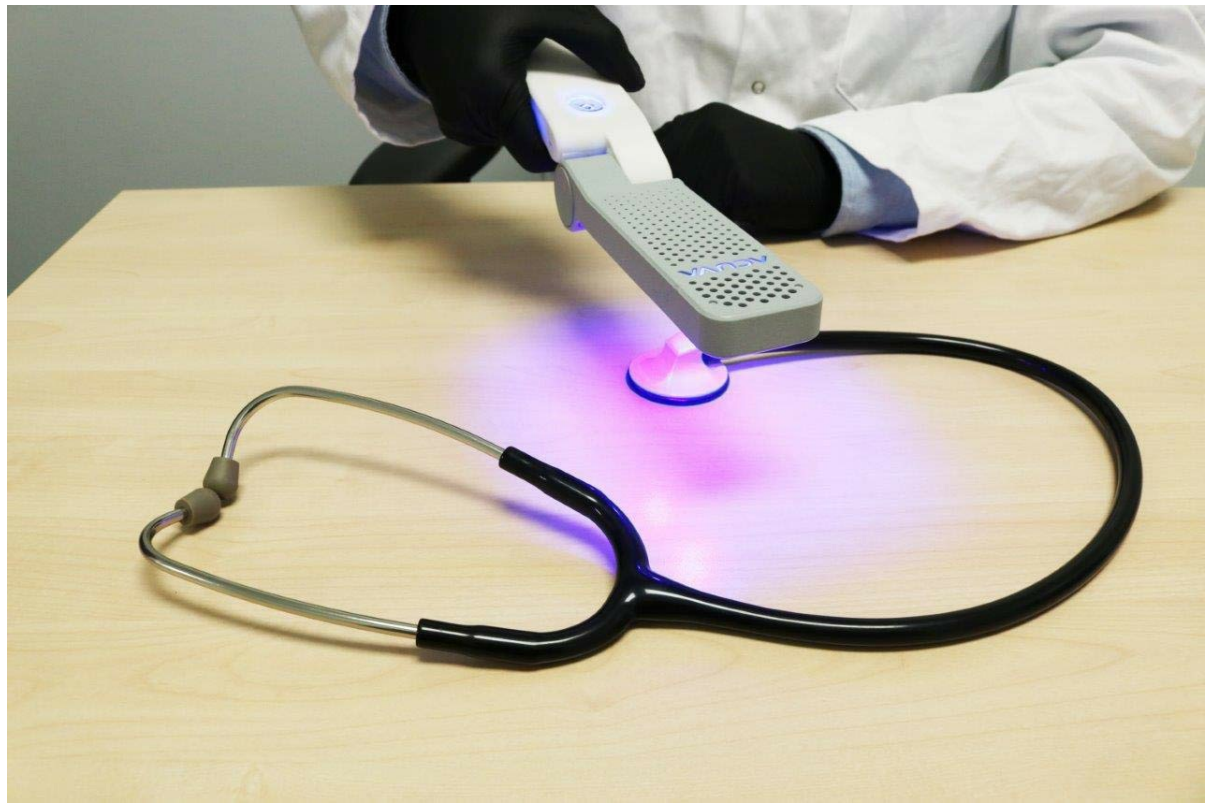


Image: The Solarix device being used to disinfect a stethoscope.

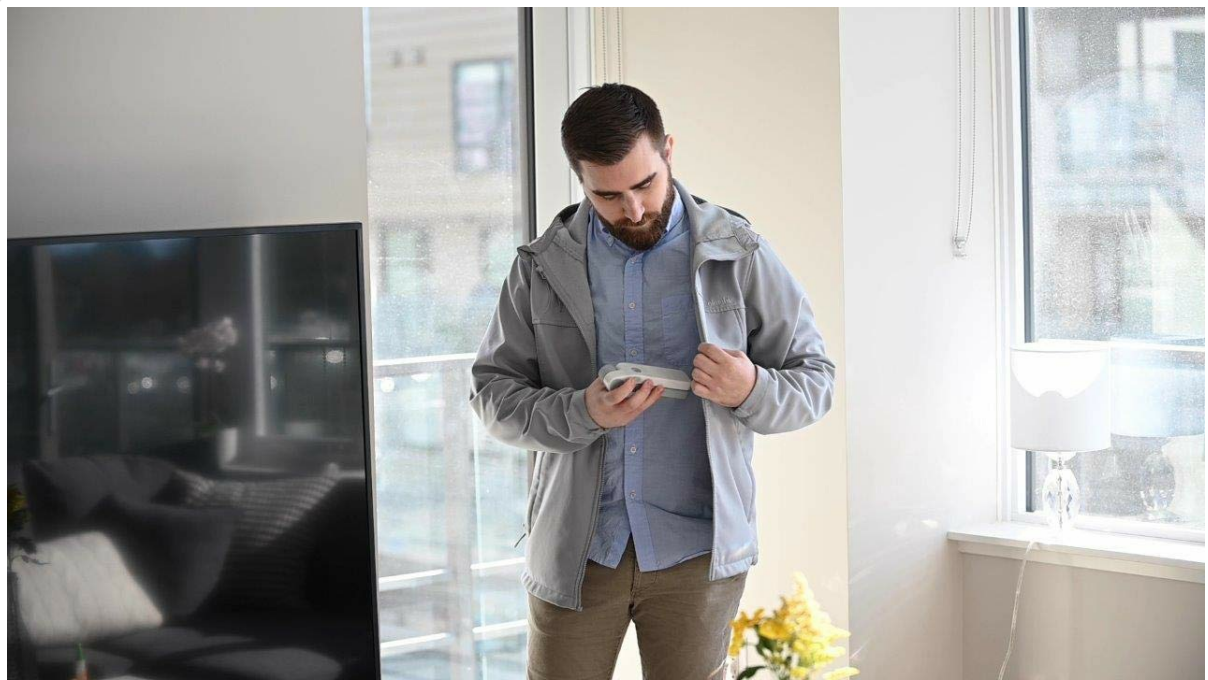


Image: The compact design allows for easy portability in a pocket or bag.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Acuva Solarix device, follow these general maintenance guidelines:

- **Cleaning:** Wipe the exterior of the device with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these may damage the device or its UV-LEDs.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the child lock is engaged when storing.

- **Battery Care:** For best battery life, avoid fully discharging the device frequently. Charge it regularly, especially if it will be stored for an extended period.

7. TROUBLESHOOTING

If you encounter any issues with your Acuva Solarix device, please refer to the following common troubleshooting tips:

- **Device Not Turning On:**
 - Ensure the device is fully charged.
 - Verify that the device is unfolded beyond 180 degrees.
 - Check that the child lock switch is in the 'unlocked' position.
 - Confirm you are performing a double-click on the activation button.
- **Blue Light Not Visible:**
 - The blue light indicates the disinfection area. If it's not visible, ensure the device is properly activated and positioned.
- **Device Not Holding Charge:**
 - Ensure the USB-C cable and power adapter are functioning correctly. Try a different cable or adapter.
 - Contact customer support if the issue persists after trying different charging accessories.

For further assistance, please refer to the Warranty and Support section.

8. SPECIFICATIONS

Feature	Detail
Brand	Acuva
Model Number	600120004
Manufacturer	Quadsun Solar Private Limited
Product Dimensions	16.3 x 4.6 x 3.1 cm
Item Weight	277 g
Net Quantity	1 Count
Included Components	Protective Gloves, Solarix UV LED Portable Disinfection Device, USB C- Charging Cable, User's Manual
Generic Name	Surface Disinfectant
Batteries	1 Lithium Ion battery (included)
Date First Available	27 February 2021

9. WARRANTY AND SUPPORT

Specific warranty details for the Acuva Solarix UV-LED Portable Disinfection Device are not provided within the product information. For warranty claims, technical support, or any product-related inquiries, please contact the manufacturer, Quadsun Solar Private Limited, directly or refer to the official Acuva website for customer service contact information.