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› Instruction Manual for iUniker 20W 5V 4.0A USB-C Power Supply

iUniker XSG-0503500HUS

Instruction Manual for iUniker 20W 5V 4.0A USB-C Power Supply

Model: XSG-0503500HUS

1. INTRODUCTION

Thank you for purchasing the iUniker 20W 5V 4.0A USB-C Power Supply. This power adapter is specifically designed and tested for the Raspberry Pi 4 Model B (1GB, 2GB, 4GB, 8GB versions) and Orange Pi 5 & 5B. It provides stable and reliable power with built-in safety features and a convenient on/off switch. Please read this manual carefully before use to ensure proper operation and longevity of your device.

2. PRODUCT OVERVIEW

The iUniker power supply is a compact and efficient power adapter featuring a USB Type-C connector and an integrated on/off switch on the cable. It is designed to deliver a stable 5.25V at 4A (21W) output, meeting the power requirements for your Raspberry Pi 4. The adapter is UL Listed, ensuring high safety standards.



Figure 2.1: iUniker 20W 5V 4.0A USB-C Power Supply with its packaging.

5V 4.0A POWER SUPPLY

for Raspberry Pi 4 B

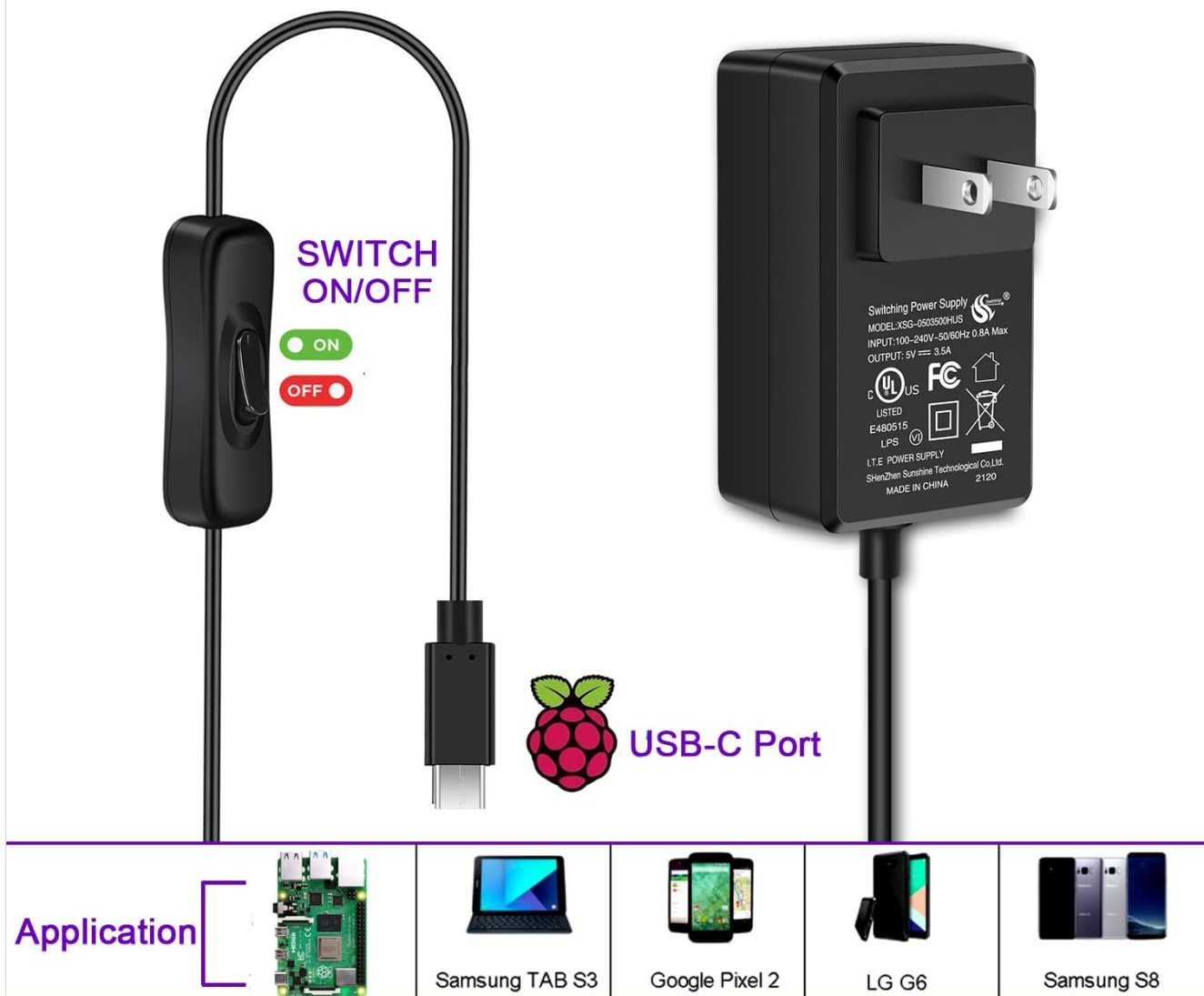


Figure 2.2: Close-up view of the power supply showing the USB-C port and the in-line ON/OFF switch.

3. KEY FEATURES

- **Compatibility:** Specifically designed for Raspberry Pi 4 Model B (1GB, 2GB, 4GB, 8GB versions) and Orange Pi 5 & 5B.
- **UL Listed Certification:** Ensures high safety standards and reliable performance.
- **Integrated On/Off Switch:** Conveniently power your device on or off without unplugging.
- **Premium Material Construction:** Designed for durability and safe operation in various temperature conditions.
- **Multiple Safety Protections:** Includes Over Current Protection (OCP), Over Voltage Protection (OVP), Over Temperature Protection (OTP), and Short Circuit Protection (SCP).
- **Durable Cable:** The 5ft (1.5m) cable is designed to withstand multiple bending tests, preventing copper wire breakage.

BUILT - IN SAFETY PROTECTIONS

Designed with Safety in mind

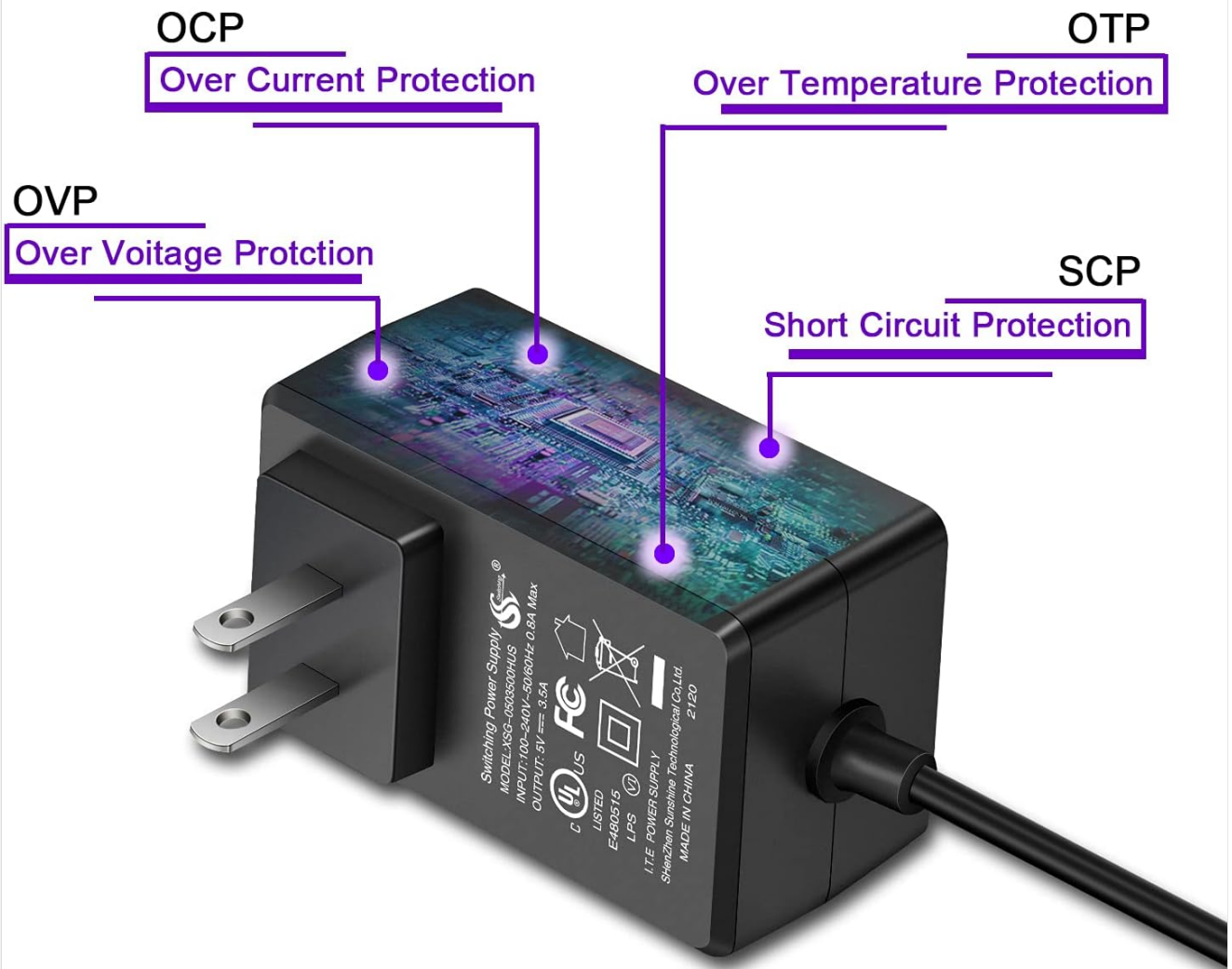


Figure 3.1: Illustration of the power supply's built-in safety protections.

Swing Test

The Wire is durable

After several swinging tests, it's confirmed that the product can withstand Multiple bending and will not cause copper wire break.



60° ±

Figure 3.2: The cable's durability is tested to ensure it withstands repeated bending.

GOOD ANTI-DROP PERFORMANCE

5V 4.0A Switching power supply for raspberry Pi 4B



Figure 3.3: The power supply is designed for good anti-drop performance.

4. SETUP INSTRUCTIONS

1. Ensure your Raspberry Pi 4 or Orange Pi 5/5B is powered off and all peripherals are disconnected.
2. Locate the USB Type-C power input port on your Raspberry Pi or Orange Pi.
3. Connect the USB Type-C connector of the iUniker power supply firmly into the power input port of your device.
4. Ensure the on/off switch on the power supply cable is in the "OFF" position (if applicable, the switch will have an indicator).
5. Plug the power adapter into a standard 100-240V AC wall outlet.
6. Flip the on/off switch on the cable to the "ON" position to power on your device.

Easy Power ON/OFF Raspberry Pi 4

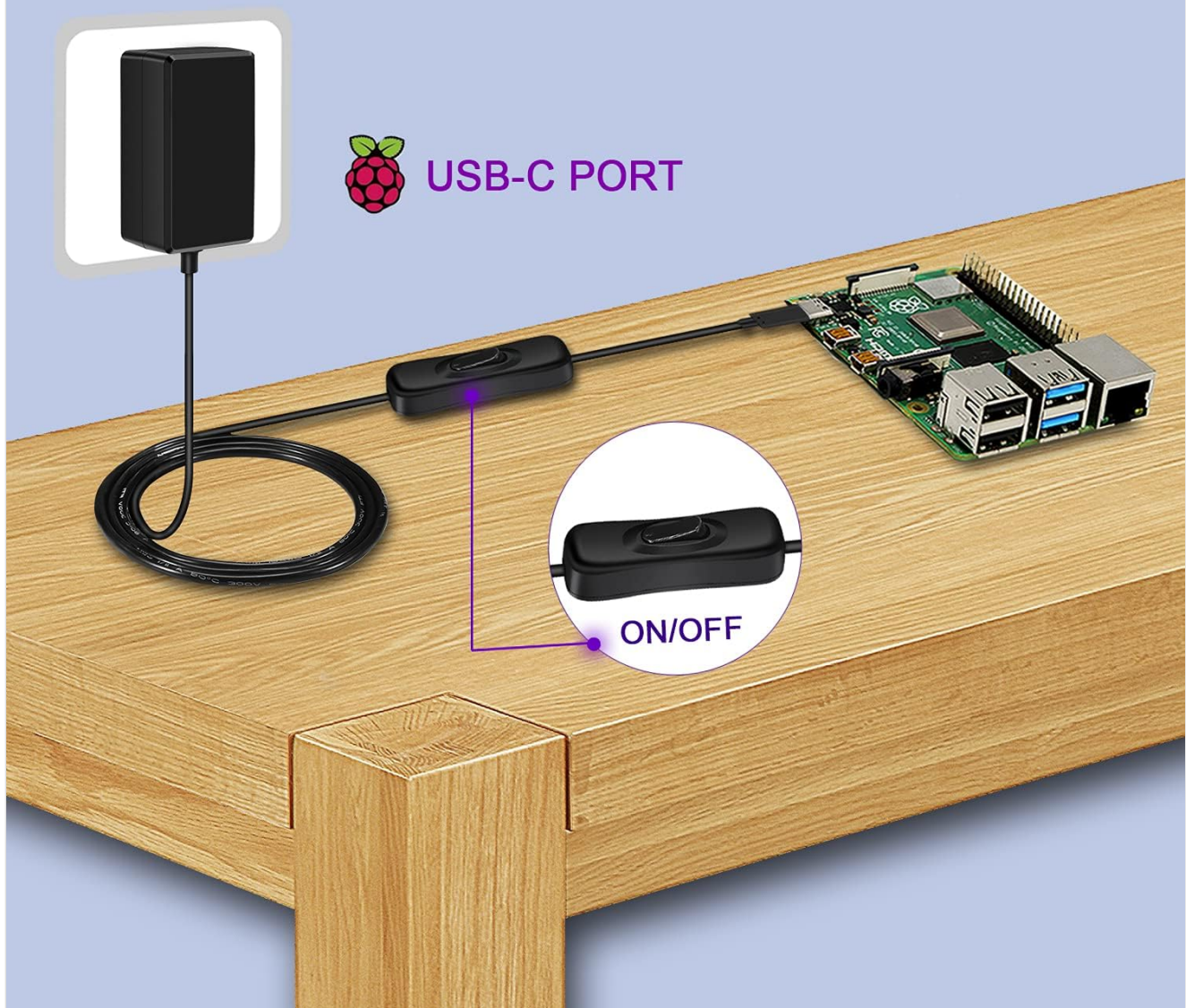


Figure 4.1: Connecting the power supply to a Raspberry Pi 4, highlighting the ON/OFF switch.

5. OPERATING INSTRUCTIONS

The iUniker power supply features a simple in-line on/off switch for convenient control of your Raspberry Pi or Orange Pi. To operate:

- To **power on** your device, ensure the power adapter is plugged into a wall outlet and slide the switch to the "ON" position.
- To **power off** your device, slide the switch to the "OFF" position. It is recommended to properly shut down your operating system before cutting power to prevent data corruption.

6. MAINTENANCE

To ensure the longevity and optimal performance of your iUniker power supply, follow these maintenance guidelines:

- Keep the power supply in a dry environment. Avoid exposure to moisture or liquids.

- Do not expose the power supply to extreme temperatures.
- Avoid dropping or subjecting the power supply to strong impacts.
- Do not attempt to open or modify the power supply. This will void the warranty and could be dangerous.
- Regularly inspect the cable and connectors for any signs of damage. If damage is found, discontinue use immediately.
- Clean the exterior of the power supply with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

7. TROUBLESHOOTING

If you encounter issues with your iUniker power supply, please refer to the following common troubleshooting steps:

- **Device not powering on:**
 - Ensure the power supply is firmly plugged into a working wall outlet.
 - Check that the in-line on/off switch is in the "ON" position.
 - Verify that the USB Type-C connector is securely inserted into your Raspberry Pi/Orange Pi.
 - Test the wall outlet with another device to confirm it has power.
- **Unstable power or frequent reboots:**
 - Ensure the power supply is connected directly to the wall outlet and not through a faulty power strip or extension cord.
 - Confirm that your Raspberry Pi/Orange Pi is not drawing more current than the power supply can provide (5.25V 4A).
 - Check for any physical damage to the power supply cable or connectors.
- **Power supply feels hot:**
 - It is normal for power supplies to generate some heat during operation. However, if it feels excessively hot to the touch, disconnect it immediately.
 - Ensure adequate ventilation around the power supply. Do not cover it or place it in an enclosed space.
 - Verify that the connected device is not drawing excessive power.

If the issue persists after following these steps, please contact iUniker customer support for assistance.

8. SPECIFICATIONS

Feature	Detail
Model Number	XSG-0503500HUS
Input Voltage	100-240V AC, 50-60Hz, 0.8A
Output Voltage/Current	5.25V 4A (21W)
Connector Type	USB Type-C
Cable Length	5ft (1.5m)

Feature	Detail
Special Features	On/Off Switch, Short Circuit Protection, Over Current Protection, Over Voltage Protection, Over Temperature Protection
Compatible Devices	Raspberry Pi 4 Model B (1GB/2GB/4GB/8GB), Orange Pi 5 & 5B
Product Dimensions	3.15 x 1.57 x 0.79 inches
Item Weight	5.6 ounces
Certifications	UL Listed

9. WHAT'S IN THE BOX

Your package should contain the following item:

- 1 x iUniker 5.25V 4.0A USB-C Power Supply

10. WARRANTY AND SUPPORT

iUniker is committed to 100% customer satisfaction. If for any reason you are not satisfied with your power supply, or if you encounter any issues not covered in this manual, please do not hesitate to contact iUniker customer support. We are dedicated to providing prompt and helpful assistance.

For support, please visit the official iUniker store on Amazon or contact us through the platform where you purchased the product.

Please retain your purchase receipt for warranty purposes.

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