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HopePow PT-WC-37

HopePow 20W USB C Fast Charging Adapter and Cable Instruction Manual

Model: PT-WC-37

1. Introduction

Thank you for choosing the HopePow 20W USB C Fast Charging Adapter and Cable. This product is designed to provide efficient and safe charging for a wide range of USB-C compatible devices. Please read this manual carefully before use to ensure optimal performance and safety.

2. Product Overview

The HopePow 20W USB C Fast Charging Adapter and Cable set includes a compact wall charger and a durable USB-C to USB-C cable. This combination supports Power Delivery (PD) 3.0 technology for rapid charging.

Key Features:

- **20W Fast Charging:** Delivers up to 20W output power, charging compatible devices significantly faster than standard chargers. For example, it can charge a Samsung Galaxy S24 FE/Ultra/A16 5G/A15 5G/A14 5G/A55 5G/A35 5G to 60% in approximately 30 minutes.
- **Advanced Safety Protections:** Equipped with a smart chip that provides protection against overcharging, over-voltage, over-currents, and short-circuits, ensuring the safety of your devices and the charger.
- **Durable 6FT USB-C to USB-C Cable:** The included 6-foot cable supports PD 3.0 fast charging up to 60W (20V/3A) and data transfer speeds of 480Mbps. It features a robust design with a bend lifespan exceeding 20,000 cycles.
- **Universal Compatibility:** Compatible with a wide range of USB-C devices, including various Samsung Galaxy, Google Pixel, iPhone 15/16 series, iPad models, and Motorola devices.
- **Compact and Portable Design:** The charger's small size makes it ideal for travel and everyday use at home or in the office.



Figure 2.1: Illustration of 20W fast charging capability, showing a device reaching 60% charge in 30 minutes.



Figure 2.2: Diagram illustrating the multi-protection safety features integrated into the charger.



Figure 2.3: The 20W one-port charger and its accompanying 6-foot USB-C to USB-C cable, detailing physical attributes and cable construction.

3. Setup

Setting up your HopePow 20W USB C Fast Charging Adapter and Cable is straightforward.

1. Unpack the 20W USB C wall charger and the 6FT USB C to USB C cable from the packaging.
2. Insert the USB C end of the charging cable into the USB C port on the HopePow 20W wall adapter.
3. Plug the HopePow 20W wall adapter into a standard AC power outlet (100-240V).
4. Connect the other USB C end of the cable to your compatible device's charging port.

Ensure all connections are secure before use.

4. Operating Instructions

Once set up, the charger operates automatically to provide power to your device.

1. **Initiating Charge:** After connecting the adapter to a power outlet and your device to the adapter via the USB-C cable, charging will begin automatically.
2. **Fast Charging:** For devices that support Power Delivery (PD) fast charging, the adapter will automatically deliver up to 20W of power. The charging speed may vary depending on your device's battery level and its specific charging protocols.
3. **Data Transfer:** The included USB-C to USB-C cable also supports data transfer at speeds up to 480Mbps when connected to a computer or other compatible data transfer device.

Always disconnect the charger from the power outlet when not in use.

5. Maintenance

Proper care will extend the life of your HopePow charger and cable.

- **Cleaning:** Disconnect the charger from the power source and your device before cleaning. Use a soft, dry cloth to wipe the surfaces. Do not use liquid cleaners or aerosols.
- **Storage:** Store the charger and cable in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid bending the cable sharply or applying excessive force to the connectors. Do not drop the charger or expose it to moisture.
- **Inspection:** Periodically inspect the charger and cable for any signs of damage, such as frayed wires or cracked casing. Discontinue use if damage is observed.

6. Troubleshooting

If you encounter issues with your charger, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not charging.	Loose connection, faulty power outlet, incompatible device, damaged cable/charger.	Ensure cable is securely connected to both charger and device. Try a different power outlet. Verify device compatibility. Try a different USB-C cable or charger if available to isolate the issue.
Charging is slow.	Device does not support fast charging, background apps consuming power, cable not fully supporting PD, high ambient temperature.	Confirm your device supports PD 3.0 fast charging. Close unnecessary background applications. Ensure the cable is the one provided or a certified PD-compatible cable. Charging speed can be affected by device temperature.
Charger or device gets warm during charging.	Normal operation during fast charging, poor ventilation.	It is normal for chargers and devices to become slightly warm during operation, especially during fast charging. Ensure adequate ventilation around the charger and device. If it becomes excessively hot, disconnect immediately and contact support.

If the problem persists after trying these solutions, please contact customer support.

7. Specifications

Detailed technical specifications for the HopePow 20W USB C Fast Charging Adapter and Cable.

Model: PT-WC-37

Power Output: 20W Max

Input: AC 100-240V, 50/60Hz

Output (USB-C): 5V/3A, 9V/2.75A, 12V/1.5A

PPS Output: 3.3-5.9V=3A, 3-11V=2.27A

Connector Type: USB Type C

Cable Length: 6 Feet (1.8 meters)

Cable Power Delivery: Up to 60W (20V/3A)

Cable Data Transfer Speed: 480Mbps

Material: ABS

Special Feature: Fast Charging (PD 3.0)

Compatible Devices: Samsung Galaxy (S25, S24 FE Ultra, S23, S22, S21, S20, Z Flip 6/5/4, Z Fold 6/5/4, A16, A15, A14, A55, A35, A54), Google Pixel (9 Pro, 9, 9 Pro Fold, 8a, 8, 8 Pro, 7, 6, 5, 4, 3), iPhone (16 Pro/Pro Max, 15 Pro/Pro Max), iPad Pro/Air/Mini, Motorola (Moto G Stylus 5G 2024, Moto Edge 2024, Moto Razr 2024 series), and other USB-C compatible devices.



Figure 7.1: Visual representation of the universal compatibility of the HopePow 20W USB C charger.

8. Warranty and Support

This product is manufactured with quality and reliability in mind. While specific warranty details are not provided in this manual, HopePow is committed to customer satisfaction.

For any questions, concerns, or support needs regarding your HopePow 20W USB C Fast Charging Adapter and Cable, please contact our customer service team. We aim to respond to all inquiries within 24 hours.

Please refer to your purchase documentation or the retailer's website for specific warranty terms and contact information.

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