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› VOLTME Mini 20W USB-C Power Adapter (Revo 20) User Manual

VOLTME Revo 20

VOLTME Mini 20W USB-C Power Adapter (Revo 20) User Manual

Model: Revo 20 | Brand: VOLTME

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your VOLTME Mini 20W USB-C Power Adapter, model Revo 20. This compact wall charger is designed to deliver fast charging for a wide range of compatible devices using USB Power Delivery (PD 3.0) technology and GaN (Gallium Nitride) III technology for enhanced efficiency and reduced size.



Image 1.1: The VOLTME Mini 20W USB-C Power Adapter (Revo 20) in blue.

2. PRODUCT FEATURES

- **Compact Design:** Small and lightweight, suitable for travel and everyday use.
- **20W USB-C Power Delivery:** Provides up to 20 watts of power for rapid charging.
- **GaN III Technology:** Utilizes advanced Gallium Nitride technology for efficient power delivery and a smaller form factor.
- **Safety Protections:** Built-in safeguards against over-current, short-circuiting, and over-voltage.
- **Universal Compatibility:** Compatible with various USB-C powered devices, including smartphones, tablets, and other accessories.

3. SETUP INSTRUCTIONS

1. **Unpack the Charger:** Carefully remove the VOLTME Mini 20W USB-C Power Adapter from its packaging.
2. **Prepare Your Cable:** Ensure you have a compatible USB-C to USB-C or USB-C to Lightning charging cable. *Note: A USB-C cable is required for charging and is not included with this adapter.*

3. **Connect the Cable:** Insert one end of your charging cable into the USB-C port on the VOLTME power adapter.
4. **Plug into Power Outlet:** Insert the power adapter into a standard wall power outlet (100-240V AC).
5. **Connect to Device:** Connect the other end of the charging cable to your compatible device. Charging should begin automatically.

Fast Charge Your iPhone 13/12 Series



3X
Faster



Data based on using an original 5W charger to charge iPhone 13 from 0%-50%

Image 3.1: Proper connection of the VOLTME charger to a wall outlet and a device.

4. OPERATING INSTRUCTIONS

The VOLTME Mini 20W USB-C Power Adapter is designed for straightforward operation. Once connected as described in the setup section, it will automatically detect your device and deliver the optimal charging

speed up to 20W.

4.1 Fast Charging Capability

This adapter supports Power Delivery (PD 3.0) for rapid charging of compatible devices. For example, it can charge an iPhone 14 to 50% in approximately 25 minutes, which is significantly faster than a standard 5W charger.



Image 4.1: Illustrating the 20W speedy charging capability of the adapter.

4.2 Safety Features

The charger incorporates multiple safety mechanisms to protect your devices and the adapter itself:

- **Over-current Protection:** Prevents damage from excessive current flow.
- **Short-circuiting Protection:** Safeguards against electrical shorts.
- **Over-voltage Protection:** Protects devices from voltage spikes.
- **Temperature Control:** Manages internal temperature to prevent overheating during use.

Safe and Reliable



Over-current
Protection



Short-circuiting
Protection



Over-voltage
Protection



Image 4.2: Visual representation of the charger's safety and reliability features.

5. MAINTENANCE

To ensure the longevity and optimal performance of your VOLTME Mini 20W USB-C Power Adapter, follow these simple maintenance guidelines:

- **Cleaning:** Disconnect the charger from the power outlet before cleaning. Use a soft, dry cloth to wipe the exterior. Avoid using liquid cleaners, aerosols, or harsh chemicals.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Handling:** Avoid dropping the charger or subjecting it to strong impacts. Do not attempt to disassemble or modify the charger, as this will void the warranty and could pose a safety risk.

6. TROUBLESHOOTING

If you encounter issues with your VOLTME Mini 20W USB-C Power Adapter, please refer to the following common troubleshooting steps:

- **Device Not Charging:**

- Ensure the charger is securely plugged into a working wall outlet.
- Verify that the USB-C cable is firmly connected to both the charger and your device.
- Try using a different USB-C cable to rule out a faulty cable.
- Test the charger with a different compatible device to confirm the charger's functionality.

- **Slow Charging:**

- Confirm your device supports fast charging via USB Power Delivery (PD).
- Ensure you are using a high-quality USB-C cable that supports fast charging.
- Close any unnecessary applications running in the background on your device, as they can consume power and slow down charging.
- Charging speed can be affected by the device's battery level (charging slows down as the battery approaches full capacity).

- **Charger Getting Warm:**

It is normal for the charger to become slightly warm during operation, especially during fast charging. If the charger becomes excessively hot or emits smoke/unusual odors, immediately unplug it from the power outlet and discontinue use.

7. SPECIFICATIONS

Feature	Detail
Model Number	Revo 20
Output Wattage	20 Watts
Input Voltage	100-240 Volts AC
USB Ports	1 x USB-C
Connector Type	USB-C
Special Feature	Fast Charging (PD 3.0, GaN III Tech)
Item Weight	0.634 ounces
Package Dimensions	4.02 x 3.74 x 1.81 inches
Certifications	UL-62368-1, CE, RoHS, FCC

Compatible
Devices

iPhone 14/13/12/11 Series, iPhone SE (2nd Gen), iPhone X/XR/XS/XS Max/8/8 Plus; iPad Pro/Air/Mini; Samsung Galaxy S22/S21/S20/S10/S9/S8 Series, Note 20/10/9/8; Google Pixel 6a/6 Pro/6/5a/5/4a/4/4XL/3a/3XL/3/2/2XL; Moto G Power/G Play/G Stylus/G8/G7; LG Stylo 6/5/4/V60; AirPods Pro; Apple Watch; Smartwatches, and other USB-C compatible devices.

Universal Compatibility

iPhone



iPhone 13 / 13 Mini / 13 Pro / 13 Pro Max / 12 / 11 / XR / XS / X / 8 at full speed.

iPad



iPad Mini / iPad Pro / iPad Air 4 / 3 / iPad

Samsung

Other Mobile Devices



Galaxy S10 / S10+ / S10e / S9 / S9+ / S8 / S8+ / Note 9 / 8; Pixel 3a / 3XL / 3 / 2 XL / 2 and other USB-C, devices



Note:
1. USB-C cable is required for charging
2. USB-C cable is NOT bundled in the packaging

Accessories



Apple Watch / AirPods / Pro

Image 7.1: Overview of universal compatibility with various devices.

8. WARRANTY AND SUPPORT

VOLTME provides an 18-month warranty for the Mini 20W USB-C Power Adapter (Revo 20) from the date of purchase. This warranty covers manufacturing defects and ensures friendly customer service.

For warranty claims, technical support, or any inquiries, please contact VOLTME customer service through the official VOLTME website or your point of purchase. You can also visit the [VOLTME Store on Amazon](#) for more information and support resources.