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Motorola PB640003US

Motorola Moto G Power - 2025 User Manual

Model: PB640003US | Brand: Motorola

1. Product Overview

The Motorola Moto G Power - 2025 is designed to provide a comprehensive mobile experience with a focus on entertainment, photography, and long-lasting performance. It features a vibrant display, advanced camera system, and robust battery life, all within a durable and stylish design.

Key Features

- **Unlocked for All Major U.S. Carriers:** Compatible with Verizon, AT&T, T-Mobile, and other major carriers.
- **Super-bright 6.8" Display + Bass Boost:** Enjoy immersive entertainment on a massive 120Hz display with powerful stereo speakers.
- **Long-lasting 5000mAh Battery + TurboPower Charging:** Provides over a day of use on a single charge, with fast wired and wireless charging capabilities.
- **50MP Camera System with OIS:** Capture sharper low-light photos and smoother videos with Optical Image Stabilization.
- **Stylish yet Durable Design:** Features a premium vegan leather finish, Corning Gorilla Glass 5, and underwater protection.
- **Superfast 5G Performance:** Powered by the MediaTek Dimensity 6300 chipset and up to 24GB of RAM with RAM Boost for seamless performance.
- **Tons of Built-in Ultrafast Storage:** Ample space for media and apps, expandable up to 1TB with a microSD card.



Figure 1.1: Motorola Moto G Power - 2025 (Leaf Green)

What's Included in the Box

- Moto G Power 2025 Device
- USB Cable
- User Guide

- SIM Tray Ejector

Official Product Video

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Video 1.1: Official Motorola Moto G Power 2025 Overview. This video highlights the key features and design of the Moto G Power 2025, including its display, camera, and battery capabilities.

2. Setup Guide

2.1 Inserting SIM Card and microSD Card

Before using your Moto G Power, you will need to insert your SIM card and optionally a microSD card for expanded storage. Ensure the device is powered off before proceeding.

1. Locate the SIM tray on the side of your device.
2. Insert the SIM tray ejector tool (included in the box) into the small hole next to the tray. Press firmly until the tray pops out.
3. Carefully pull out the SIM tray.
4. Place your Nano-SIM card(s) into the designated slots on the tray with the gold contacts facing down. If using a microSD card, place it in its dedicated slot.
5. Gently push the tray back into the device until it clicks into place.



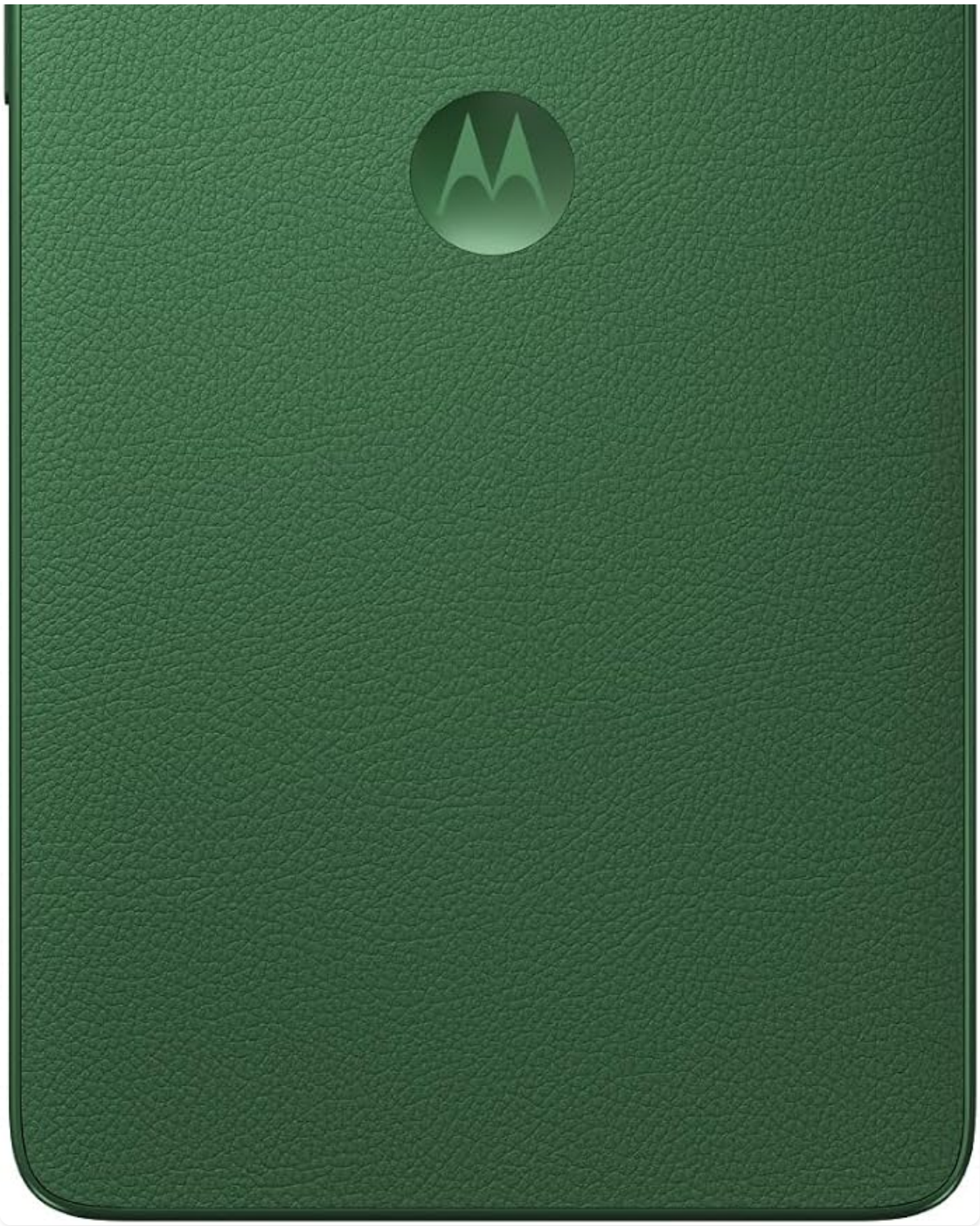

Figure 2.1: Side view of the Moto G Power 2025, highlighting the SIM card tray location.

2.2 Initial Power On and Configuration

After inserting your SIM card, you can power on your device and complete the initial setup process.

1. Press and hold the Power button (located on the right side of the device) until the Motorola logo appears.
2. Follow the on-screen prompts to select your language, connect to a Wi-Fi network, and accept the terms and conditions.
3. Sign in with your Google account or create a new one. This is essential for downloading apps from the Google Play Store and accessing Google services.
4. Set up your preferred security methods, such as fingerprint unlock, PIN, pattern, or password.
5. You may be prompted to transfer data from an old device. Follow the instructions if you wish to do so.
6. Your Moto G Power is now ready for use.




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Figure 2.2: Front view of the Moto G Power 2025 display during initial setup.

3. Operating Your Device

3.1 Display and Navigation

The Moto G Power - 2025 features a large 6.8-inch Full HD+ display with a 120Hz refresh rate for smooth scrolling and vibrant visuals. Navigation can be done using traditional 3-button navigation or intuitive gestures.

- **Touch Gestures:** Swipe up from the bottom to go home, swipe up and hold for recent apps, swipe from the left or right edge to go back.
- **3-Button Navigation:** Use the virtual Back, Home, and Recent Apps buttons at the bottom of the screen. This can be enabled in Settings > System > Gestures > System navigation.
- **Adaptive Display:** The 120Hz refresh rate provides a fluid experience, automatically adjusting to save battery when a high refresh rate is not needed.





Figure 3.1: The super-bright 6.8-inch display of the Moto G Power 2025.

3.2 Camera Usage

Capture stunning photos and videos with the 50MP camera system, featuring Optical Image Stabilization (OIS) for steady shots.

- **Open Camera:** Tap the Camera icon on your home screen or double-twist your wrist (Moto Action).
- **Photo Modes:** Switch between standard Photo, Portrait, Night Vision, and Pro modes for various shooting scenarios.
- **Video Recording:** Select Video mode to record smooth, high-quality videos. OIS helps reduce blur from handshakes.
- **Front Camera:** Tap the camera switch icon to use the 16MP front-facing camera for selfies and video calls.




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Figure 3.2: The 50MP camera system with OIS on the back of the Moto G Power 2025.

3.3 Battery and Charging

The 5000mAh battery provides extended usage, and with TurboPower charging, you can quickly replenish power.

- **Wired Charging:** Connect the included USB-C cable to the device and a compatible TurboPower charger (sold separately) for fast charging.
- **Wireless Charging:** Place the device on a compatible Qi-certified wireless charging pad for convenient charging.
- **Battery Optimization:** To maximize battery life, adjust screen brightness, disable unnecessary features like Wi-Fi or Bluetooth when not in use, and close background apps.



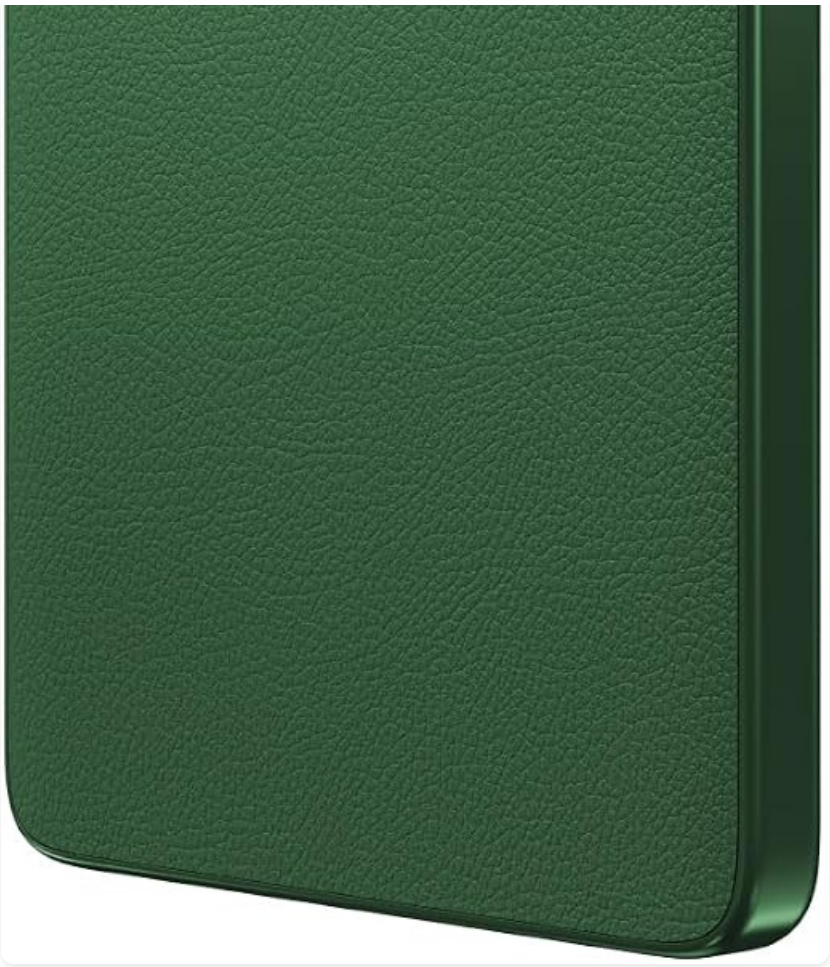

Figure 3.3: The Moto G Power 2025 supports both wired and wireless charging.

3.4 Connectivity

The Moto G Power - 2025 offers versatile connectivity options, including 5G, Wi-Fi, Bluetooth, and NFC.

- **5G Network:** Enjoy superfast data speeds with 5G connectivity (requires 5G plan and coverage).
- **Wi-Fi:** Connect to Wi-Fi networks for internet access. Go to Settings > Network & internet > Internet.
- **Bluetooth:** Pair with Bluetooth devices like headphones or smartwatches. Go to Settings > Connected devices > Connection preferences > Bluetooth.
- **NFC:** Use Near Field Communication for contactless payments and quick pairing with compatible devices.





Figure 3.4: The Moto G Power 2025 is unlocked and compatible with all major US carriers.

4. Maintenance and Care

4.1 Cleaning Your Device

To keep your Moto G Power in optimal condition, follow these cleaning guidelines:

- Use a soft, lint-free cloth to wipe the screen and body.
- Avoid using harsh chemicals, abrasive cleaners, or compressed air.
- For stubborn smudges, slightly dampen the cloth with water or a screen cleaner designed for electronics.

4.2 Software Updates

Regular software updates provide new features, security enhancements, and bug fixes. It is recommended to keep your device's software up to date.

- Connect to a stable Wi-Fi network.
- Go to Settings > System > System updates.
- Follow the on-screen instructions to check for and install any available updates.

4.3 Storage Management

Your device comes with 128GB of internal storage, expandable up to 1TB via a microSD card. Regularly manage your storage to ensure optimal performance.

- **Check Storage:** Go to Settings > Storage to see how your storage is being used.
- **Free Up Space:** Delete unnecessary apps, photos, videos, and files. Consider moving large media files to a microSD card or cloud storage.
- **Clear Cache:** Regularly clear the cache of apps that consume a lot of space.

5. Troubleshooting Common Issues

5.1 Device Not Powering On

- Ensure the battery is charged. Connect the device to a charger and wait a few minutes before attempting to power on.
- Press and hold the Power button for at least 10-15 seconds to perform a forced restart.
- If the issue persists, contact Motorola support.

5.2 Connectivity Problems (Wi-Fi, Bluetooth, 5G)

- **Wi-Fi:** Toggle Wi-Fi off and on. Restart your router. Forget the network and reconnect.
- **Bluetooth:** Ensure both devices are in pairing mode and within range. Toggle Bluetooth off and on.
- **5G/Mobile Data:** Check if mobile data is enabled in Quick Settings or Settings > Network & internet > Mobile network. Ensure you have a valid SIM card and active plan. Restart the device.

5.3 App Performance Issues

- Close background apps that are not in use.
- Clear the cache and data of the problematic app (Settings > Apps > [App Name] > Storage & cache).
- Ensure the app is updated to its latest version from the Google Play Store.

- If an app continues to malfunction, consider uninstalling and reinstalling it.

6. Technical Specifications

Feature	Specification
Model Name	Moto G Power - 2025
Item Model Number	PB640003US
Brand	Motorola
Operating System	Android 15
Screen Size	6.8 Inches
Resolution	Full HD+ (2388 x 1080) | 387ppi
Refresh Rate	120 Hz
RAM Memory Installed Size	8 GB (up to 24GB with RAM Boost)
Memory Storage Capacity	128 GB (expandable up to 1TB with microSD)
Battery Capacity	5000 mAh
Cellular Technology	5G
Wireless Carrier	Unlocked for All Carriers
Connectivity Technologies	Bluetooth, Wi-Fi, USB, NFC
Product Dimensions	0.34 x 3.04 x 6.56 inches
Item Weight	10.2 ounces
Color	Leaf Green
Country of Origin	China

7. Warranty and Support Information

Motorola provides a limited warranty for its products. For detailed warranty terms, conditions, and registration, please refer to the warranty card included with your device or visit the official Motorola support website.

For technical support, troubleshooting assistance, or to find service centers, please visit the Motorola support page:

Motorola Official Support

You can also visit the Motorola Store on Amazon for product information and accessories: Motorola Store

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