

[Manuals.plus](#) /

› [Motorola](#) /

› [Motorola Edge 50 Ultra 5G User Manual](#)

## Motorola PB0Y0016SE

# Motorola Edge 50 Ultra 5G User Manual

Model: PB0Y0016SE | Brand: Motorola

## 1. OVERVIEW

The Motorola Edge 50 Ultra 5G is a high-performance smartphone designed for an optimized user experience. It combines advanced camera technology, robust processing power, and a unique design to deliver a premium mobile experience. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.



The Motorola Edge 50 Ultra 5G in Forest Grey, showcasing its sleek design and camera module.

## 2. WHAT'S IN THE BOX

Your Motorola Edge 50 Ultra 5G package includes the following items:

- Motorola Edge 50 Ultra 5G Smartphone

- 125W TurboPower charger (non-US plug)
- USB Type-C to USB Type-C cable
- SIM Tray Ejector

## **3. SETUP**

### **3.1 Initial Charge**

Before first use, it is recommended to fully charge your device. Connect the provided USB Type-C cable to the phone and the 125W TurboPower charger. Plug the charger into a power outlet. The phone supports rapid charging for quick power-ups.

### **3.2 SIM/eSIM Installation**

The Motorola Edge 50 Ultra 5G supports dual SIM functionality, including one Nano-SIM slot and an eSIM. Use the SIM tray ejector tool to open the SIM tray. Insert your Nano-SIM card into the designated slot. For eSIM activation, follow the on-screen instructions during initial setup or refer to your carrier's guidelines.

### **3.3 Powering On**

Press and hold the Power button located on the side of the device until the Motorola logo appears on the screen.

### **3.4 Initial Setup Wizard**

Upon first power-on, the device will guide you through the initial setup process. This includes selecting your language, connecting to a Wi-Fi network, signing in with your Google account, and setting up security features like fingerprint or face unlock.

## **4. OPERATING YOUR DEVICE**

### **4.1 Display and Navigation**

The device features a 6.7-inch Super HD (2712 x 1220) display with a 144 Hz refresh rate, providing smooth visuals and responsive touch. The screen is protected by 3D Corning Gorilla Glass Victus with an anti-fingerprint coating for enhanced durability and clarity.

# Design armonioso

Comfort, tecnologia e protezione avanzati



Schermo  
**Corning Gorilla  
Glass Victus**

**Protezione IP68**  
da acqua e polvere

The Motorola Edge 50 Ultra 5G demonstrates its IP68 water and dust resistance, featuring a durable Corning Gorilla Glass Victus display for enhanced protection.

# Tutto su misura

Cambia sfondi, colori e icone a tuo piacimento



The Motorola Edge 50 Ultra 5G allows extensive personalization, enabling users to customize wallpapers, colors, and icons to their preference.

## 4.2 Camera Features

Capture stunning photos and videos with the advanced camera system:

- **Rear Camera:** 50MP main sensor, 50MP ultrawide/macro lens, and a 64MP telephoto lens with 3x optical zoom.
- **Front Camera:** 50MP for high-quality selfies.

The camera system is enhanced by moto ai technology, optimizing every shot for clarity and detail, even in challenging lighting conditions.

# AI avanzata

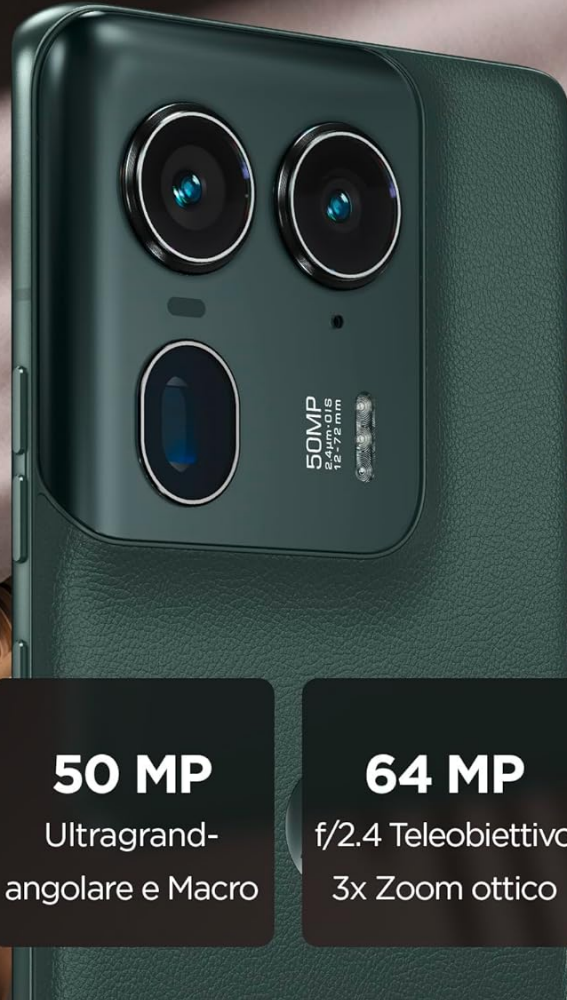
Migliora ogni scatto con l'AI

 moto ai

The Motorola Edge 50 Ultra 5G utilizes advanced moto ai technology to enhance every photo, ensuring optimal image quality.

# Qualità in ogni dimensione

La tecnologia di fotocamera più avanzata alimentata da Moto AI



**50 MP**

f/1.6 | OIS Laser  
Autofocus

**50 MP**

Ultragrand-  
angolare e Macro

**64 MP**

f/2.4 Teleobiettivo  
3x Zoom ottico

**50 MP** CAMERA  
FRONTALE

f/1.9 | Selfie  
Tecnologia Quad  
Pixel

Detailed view of the Motorola Edge 50 Ultra 5G's versatile camera system, featuring a 50MP main sensor with OIS, a 50MP ultrawide/macro lens, a 64MP telephoto lens with 3x optical zoom, and a 50MP Quad Pixel front camera.

## 4.3 Performance and Storage

Powered by the Snapdragon 8s Gen 3 Mobile Platform and equipped with 16GB LPDDR5X RAM, the device offers seamless multitasking and smooth performance for demanding applications and games. It comes with a generous 1TB UFS 4.0 storage capacity for all your files, photos, and videos.

# Prestazioni elevate

Fai di più. Gioca di più. Tutto il giorno.

Snapdragon

8s  
Gen 3



Fino a  
**16 GB di memoria LPDDR4X  
+ RAM Dinamica<sup>10</sup>**

Fino a  
**1TB Storage built-in  
UFS 4.0<sup>11</sup>**

The Motorola Edge 50 Ultra 5G is powered by the Snapdragon 8s Gen 3 Mobile Platform, offering high performance for multitasking and gaming, supported by up to 16GB of LPDDR5X RAM and 1TB of UFS 4.0 built-in storage.

## 4.4 Connectivity

The device supports a wide range of connectivity options:

- **Networks:** 2G GSM, 3G, 4G LTE, 5G (Unlocked for All GSM Carriers Only, excluding Verizon, Sprint, US Cellular, No CDMA).
- **Wireless:** Bluetooth 5.4, Wi-Fi 802.11 a/b/g/n/ac/ax, Wi-Fi hotspot, NFC.
- **Ports:** USB Type-C port (USB 3.1 gen 2 compatible), DisplayPort 1.4.

## 4.5 Battery Management

Equipped with a 4500 mAh battery, the Motorola Edge 50 Ultra 5G provides over a day of battery life (up to 40 hours) on a single charge. Utilize the 125W TurboPower charger for incredibly fast charging times.

## 5. MAINTENANCE AND CARE

### 5.1 Cleaning

To clean your device, use a soft, lint-free cloth. Avoid abrasive materials or harsh chemicals. For stubborn smudges, slightly dampen the cloth with water. Ensure all ports are dry before charging.

### 5.2 Software Updates

Keep your device's software up to date to ensure optimal performance, security, and access to new features. Navigate to **Settings > System > System updates** to check for and install available updates.

### 5.3 Storage Management

Regularly manage your device's 1TB storage by deleting unnecessary files, uninstalling unused apps, and backing up important data to cloud services or an external drive. This helps maintain device speed and responsiveness.

## 6. TROUBLESHOOTING

### 6.1 Device Won't Turn On

Ensure the battery is charged. Connect the device to the charger and wait a few minutes before attempting to power it on again. If the issue persists, perform a forced restart by holding the Power button for approximately 10-15 seconds.

### 6.2 Network Connectivity Issues

If you experience problems with cellular or Wi-Fi connectivity, try the following:

- Toggle Airplane Mode on and off.
- Restart your device.
- Check your SIM card installation.
- For Wi-Fi, forget the network and reconnect.

### 6.3 Camera Problems

If the camera app is not functioning correctly, try clearing its cache and data (**Settings > Apps > Camera > Storage > Clear Cache/Clear Data**). Restarting the device can also resolve minor camera glitches.

## 7. SPECIFICATIONS

<b>Product Dimensions</b>	6.34 x 0.34 x 2.85 inches
<b>Item Weight</b>	6.9 ounces
<b>Model Number</b>	PB0Y0016SE
<b>Operating System</b>	Android 14
<b>Display</b>	6.7" Super HD (2712 x 1220), 144 Hz refresh rate

<b>Processor</b>	Snapdragon 8s Gen 3 Mobile Platform
<b>RAM</b>	16GB LPDDR5X
<b>Storage</b>	1TB UFS 4.0
<b>Rear Camera</b>	50MP + 50MP + 64MP
<b>Front Camera</b>	50MP
<b>Battery</b>	4500 mAh
<b>Charging</b>	125W TurboPower (wired)
<b>Connectivity</b>	5G, Wi-Fi 802.11 a/b/g/n/ac/ax, Bluetooth 5.4, NFC, USB Type-C
<b>Color</b>	Forest Grey

## 8. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please visit the official Motorola website or contact their customer service. Keep your proof of purchase for warranty claims.

**Motorola Official Website:** [www.motorola.com](http://www.motorola.com)