

# Product Environmental Report

## motorola edge 70 pro

Product Launch Date

April 29, 2026

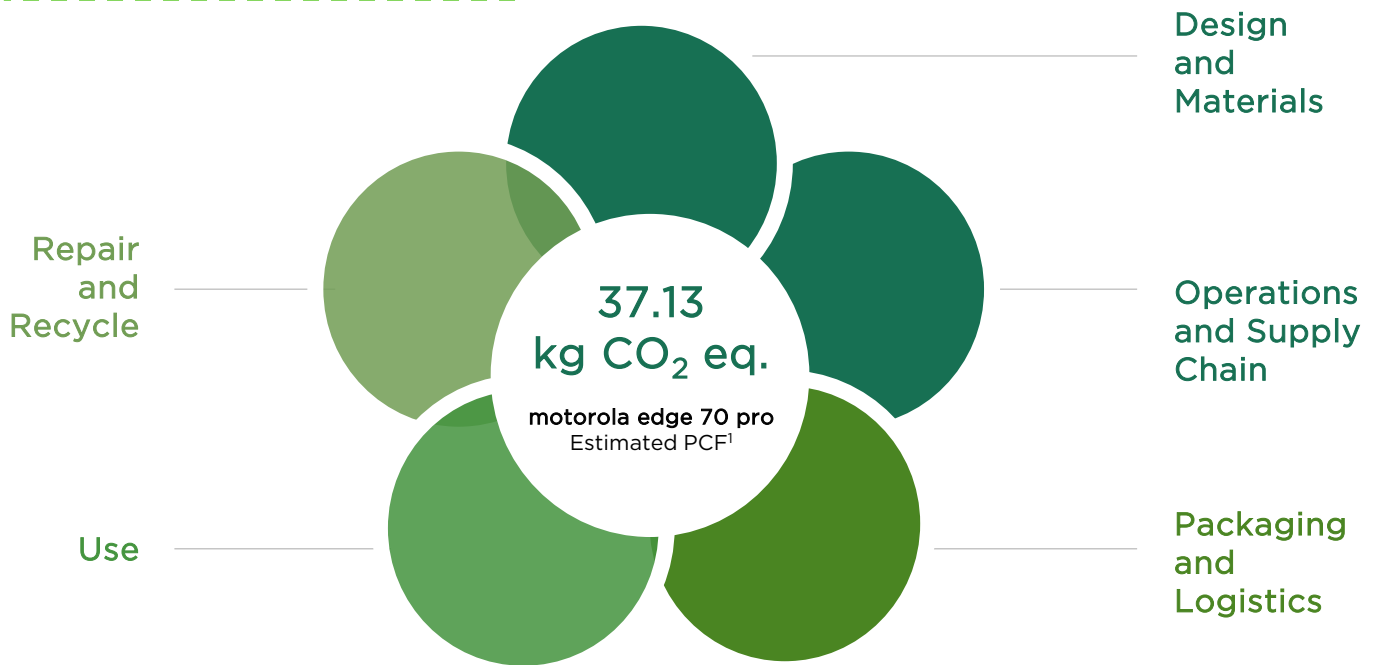


At Motorola, we are working to provide smarter technology that builds a brighter future, while achieving sustainability goals as part of Lenovo Group. From our packaging and product design with sustainability in mind, to our carbon emissions reduction efforts, we are committed to making progress on our environmental goals and ensuring a positive social impact in the communities where we do business.

# Acting Across the Product Journey

We are committed to taking responsibility for our products throughout their entire life cycles. We actively manage product carbon footprint (PCF), from sourcing of materials to manufacturing, transportation, usage, and end-of-life stages.

**25% lower PCF**  
**vs. previous generation.<sup>3</sup>**



We assessed the estimated total PCF of **motorola edge 70 pro**'s entire life cycle, including manufacturing, transport, use and end-of-life (EoL) phases, using a life cycle assessment (LCA) methodology<sup>2</sup>.

The estimated total PCF is 37.13 kg CO<sub>2</sub> eq. The distribution of the carbon footprint across each phase is accounted for as follows (rounded): Manufacturing 93.24%. Transport 5.39%. Use 2.21%. EoL -0.83%.

The PCF calculation is performed on 8GB RAM+256GB storage configuration. The PCF assessment is limited to the device only and excludes in-box accessories and packaging. The manufacturing was modeled using China power grid mix for manufacturing of the electrical components for the Manufacturing of the PCBAs and the housing items. The use phase was assumed to take place in France.

# Design and Materials

We design products with sustainability and innovation at the forefront, incorporating recycled, renewable, biobased and responsibly sourced materials. Through our Full Material Disclosure (FMD) Platform, integrated in the supply chain, we proactively manage restricted chemical substances (to meet internal environmental policies and national laws) and ensure components are fully qualified to our strict environmental standards before purchase.

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Harmonizing sleek design with responsible material choices, 74% of the metals used in **motorola edge 70 pro** are recycled<sup>4</sup>.



## Recycled Aluminum<sup>4</sup>

100% of the aluminum used in the middle housing is recycled.



## Recycled Plastic<sup>4</sup>

- 75% of the plastics in the front camera bracket are recycled, including 65% post-consumer recycled (PCR) plastics, 5% ocean-bound plastics (OBP), and 5% Lenovo closed-loop recycled plastics.
- 40% of the plastics in the bottom bracket are recycled, including 35% PCR plastics and 5% Lenovo closed-loop recycled plastics.



## Engineered Wood Inlay

The PANTONE Chicory Coffee finish incorporates an engineered wood inlay made from fast-growing timber, designed to optimize wood utilization and provide stability for long-term use.



## Chemical and Substance Management

As part of our global stewardship, we apply EU RoHS/REACH chemical restriction policies for all products, irrespective of where we sell them globally.

In addition to adhering to global regulatory requirements, we have voluntarily phased out the following hazardous substances across all smartphone products and accessories<sup>5</sup>.

- Polyvinylchloride (PVC)
- Brominated Flame Retardants (BFRs)
- Chlorinated Flame Retardants (CFRs)

# Operations and Supply Chain

We are committed to responsible operations and supply chain management, focusing on energy efficiency, carbon reduction, and strong environmental standards.

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## Operations

Across our manufacturing sites, we implement initiatives to continuously improve operational energy efficiency, reduce carbon emissions, and support climate change mitigation.



**Renewable energy:** The Wuhan manufacturing facility has been utilizing solar power stations since 2019, which is estimated to reduce carbon emissions by approximately 922 tons annually based on 2025 electricity consumption data<sup>6</sup>.



**Energy efficiency:** In 2025, the Wuhan factory further improved energy efficiency by optimizing compressed air and vacuum systems, enabling demand-based operation and higher energy conversion efficiency.



**Waste management:** Our Jaguariúna manufacturing facility has achieved Zero Waste to Landfill Platinum Operations<sup>7</sup>.

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## Supply Chain

As a Lenovo subsidiary, Motorola shares the same commitment and policy to sound Environmental, Social and Governance (ESG) management across our end-to-end supply chain process. Lenovo's supply base is comprised of the following categories: internal manufacturing centers, production procurement, original design manufacturers (ODM), and general procurement.

Lenovo manages suppliers' environmental performance through requirements in the Supplier Code of Conduct, Responsible Business Alliance (RBA) assessments, CDP Supply Chain Program, and other programs that support its material environmental topics – specifically climate change, water, and waste.

# Packaging and Logistics

Our packaging strategy focuses on eliminating plastics, utilizing recyclable materials, and optimizing compact designs to minimize resource use and reduce environmental impact during transportation.

For logistics, we implement low-carbon initiatives across key regions by increasing the use of ocean and sea-air transport, optimizing logistics networks, and piloting circular packaging solutions. In FY2025/26, efforts included expanding ocean, sea-air, and short-sea transport solutions across EMEA, Latin America, India, and Indonesia, as well as piloting reusable pallet solutions in India. Where feasible, we prioritized shifts from air to ocean freight, which can emit over 95% less CO<sub>2</sub>e per tonne-kilometre than air freight based on industry-accepted methodologies.<sup>8</sup>

In FY 2020/21, Motorola established smartphone packaging targets to increase recycled material content to 60%, reduce single-use plastics by 50%, and decrease packaging size/volume by 10% by FY2025/26<sup>9</sup>. By the end of FY2025/26, Motorola had fully achieved and exceeded these targets.

Building on this progress, Motorola has further raised its packaging standards for the **razr** and **edge** product families, targeting the elimination of plastic from packaging beginning in December 2024. As part of this initiative, the **motorola edge 70 pro** packaging is plastic-free<sup>10</sup>.



Plastic-free<sup>10</sup>



Soy ink printing



Packaging recyclable<sup>11</sup>

# Use

We prioritize energy efficiency in our products to help reduce greenhouse gas emissions. Our goal is to achieve 30% improvement in smartphone product energy efficiency by FY 2029/30<sup>12</sup>.

Additionally, we focus on improving product durability and extending lifespans to enhance long-term value for our customers.

## Battery Longevity



- The **motorola edge 70 pro** includes built-in battery management features that help optimize power use and preserve battery health through routine 80% charging limits.
- Thanks to revolutionary silicon-carbon technology, you get long-lasting battery life and a thin design—without compromise. The massive 6500mAh battery<sup>13</sup> keeps working and playing all day today and into tomorrow on just a single charge<sup>14</sup>.



## Durability

The **motorola edge 70 pro** meets military standards (MIL-STD 810H)<sup>15</sup> for durability, and is engineered to give you peace of mind with IP68 and IP69 ratings<sup>16</sup>. Also, it helps protect your display with 2x better drop and scratch performance thanks to Corning® Gorilla® Glass 7i<sup>17</sup>.

### 2x Better

display drop and scratch performance<sup>17</sup>

### 95% Humidity

protection<sup>15</sup>

### 1.2 Meters

drop resistance<sup>15</sup>

### -20°C ~ 60°C

operates for up to 4 hours in extreme temperatures<sup>15</sup>

### 4500 Meters

stand up to 1 hour of playtime in high-altitude adventures<sup>15</sup>

**Dust, Dirt, Sand,  
High-Pressure Water  
Protection<sup>16</sup>**

# Repair and Recycle with Motorola

We offer trade-in programs in selected markets, including the US, India and Brazil. This enables customers to exchange their old devices for credits toward new Motorola purchases, after our assessment and inspection of the old devices.

We support consumer repair by providing access to genuine Motorola parts, service manuals, and software tools that help extend product life. Depending on your region, customers and independent repair providers can obtain parts and repair kits through authorized distributors and partners—e.g., iFixit and MobileSentry in the U.S., and Replace Base in Europe—and use resources like our PC-based Software Fix tool and the preloaded Device Help app for troubleshooting and diagnostics. Repair options and partner availability vary by market; please visit [Motorola Support](#) to view repair options for your location and learn more on our Repair page ([US](#) | [EMEA](#)).

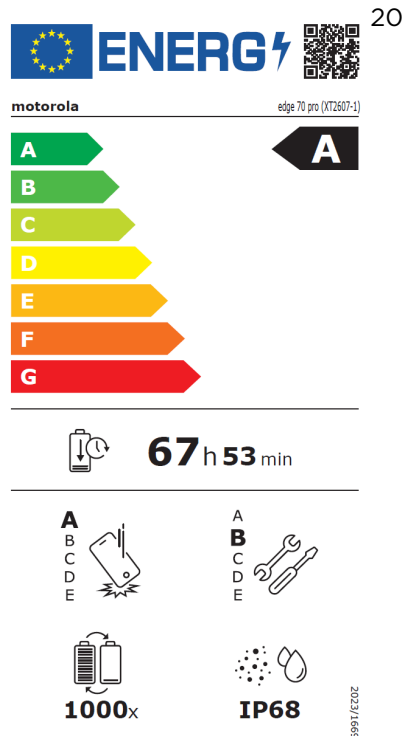


# Industry Rating and Label

## Eco Rating Result<sup>18</sup>

Device	<b>motorola edge 70 pro</b>
Model Number	XT2607-1
RAM + Storage	8G + 256G
Eco Rating Overall Result	79
<b>Material Efficiency Results</b>	
Durability	83
Repairability	58
Recyclability	54
Use of Hazardous & Restricted Substances	60
Recycled Material Content	66
Waste Packaging and Accessories	61
<b>Additional Results</b>	
Climate Efficiency	74
Resource Efficiency	70

## Product EU Energy Label<sup>19</sup>



# Endnotes

<sup>1</sup> The product PCF is calculated using quantitative estimates and modelling assumptions. For detailed PCF report of motorola edge 70 pro, visit [https://en-us.support.motorola.com/app/answers/detail/a\\_id/179267](https://en-us.support.motorola.com/app/answers/detail/a_id/179267).

<sup>2</sup> The product lifecycle analysis (LCA) of motorola edge 70 pro is performed in accordance with the ISO 14040 and ISO 14044 standards. The estimated carbon footprint is an approximate measure of the greenhouse gas emissions produced over the lifecycle of the product and is reported as the global warming potential for 100-year time horizon(GWP-100) in units of CO2 equivalents (CO2e). The product carbon footprint (PCF) is calculated using GaBi© Software version 10 including the most current 2022 updates for modelling each of the product type lifecycle steps.

<sup>3</sup> The motorola edge 70 pro delivers a 25% lower product carbon footprint compared with its predecessor motorola edge 60 pro, based on the same lifecycle assessment boundary and methodology.

<sup>4</sup> The content of all recycled materials have been independently verified by third parties in accordance with ISO 14021, and was measured on a weight basis.

<sup>5</sup> Controlled at 1,000 parts per million (ppm).

<sup>6</sup> Based on Wuhan manufacturing site's 2025 electricity consumption data. The carbon emission factor used for the reduction calculation is based on the average carbon dioxide emission factor for electricity in Hubei Province as published in the "[2023 Carbon Dioxide Emission Factors for Electricity](#)" jointly released by China's Ministry of Ecology and Environment and the National Bureau of Statistics in December 2025.

<sup>7</sup> Validation method: UL ECVP 2799, Environmental Claim Validation Procedure (ECVP) for Zero Waste to Landfill, Edition 4.0, Issue Date July 9, 2024.

<sup>8</sup> Based on methodologies and emission intensity ranges published in the Global Logistics Emissions Council (GLEC) Framework v3.2 by Smart Freight Centre.

<sup>9</sup> Performance relative to FY 2020/21. This excludes Lenovo smartphone packaging but includes RAZR smartphone packaging starting in FY 2023/24.

<sup>10</sup> Plastic was not detected in the packaging by third-party lab under test methods Fourier Transform Infrared Spectrometer (FTIR), Pyrolysis-Gas Chromatography Mass Spectrometry (PGC-MS) and Energy dispersive X-ray fluorescence spectrometer (EDX). Paint, inks and adhesives are excluded from the calculations of plastic content in accordance with EU Directive 2019/904.

<sup>11</sup> Recycling programs may not be available to consumers in all markets.

<sup>12</sup> On average for comparable products relative to FY 2020/21.

<sup>13</sup> The typical capacity is 6500mAh. Typical value is the estimated average capacity of a batch of batteries based on internal testing, representing the expected performance under normal conditions. Rated capacity is 6300mAh. Rated capacity is the minimum guaranteed capacity of a battery under controlled conditions.

<sup>14</sup> All battery life claims are approximate and based on continuous device use under optimal network conditions. Actual battery performance will vary and depends on many factors including signal strength, network and device settings, temperature, and battery condition.

# Endnotes

<sup>15</sup> The U.S. Department of Defense's MIL-SPEC standards establish methodologies for testing products against environmental stresses under controlled laboratory conditions. Motorola tests devices against hazardous physical and environmental conditions under select categories and procedures of the MIL-STD-810H standard to determine durability. Such testing is not a guarantee of future performance under these test conditions. The Motorola Edge 70 Pro was tested against 16 categories and 14 MIL-STD-810H procedures to prove its toughness. Abuse, like that contained in MIL-STD 810H testing, is not covered under Motorola's standard warranty.

<sup>16</sup> Tested under controlled laboratory conditions, the phone is water, splash, and dust resistant to ratings of IP68 and IP69 (IEC 60529). The phone can be submerged up to 1.5 meters in still, fresh water for up to 30 minutes, and is protected against powerful, high-temperature water jets for up to 30 seconds. Exposure to conditions beyond these ratings is not covered by warranty. Resistance will decrease as a result of normal wear. Not designed to work while submerged underwater. Do not expose to liquids other than fresh water. Do not attempt to charge a wet phone. Designed to provide protection against the ingress of solid foreign objects of any size. Not waterproof.

<sup>17</sup> Performance of Gorilla® Glass 7i is based on lab tests under controlled conditions. Actual performance may vary based on specific use, environmental conditions, and other factors. While Gorilla® Glass 7i is designed to enhance durability and provide improved resistance to drops and scratches compared to competitive lithium aluminosilicate glass, it is not indestructible and may still suffer damage under certain conditions. Users should exercise caution and avoid subjecting their devices to unnecessary risk.

<sup>18</sup> Result applicable to sales model XT2607-1. The Eco Rating scores the environmental performance of mobile phones based on an objective assessment of both life cycle and circular economy indicators. The highest possible Eco Rating score is 100 for maximum environmental performance. The closer the score is to 100, the better the environmental performance of the device. In addition, the Eco Rating provides guidance in five key areas: durability, repairability, recyclability, climate efficiency and resource efficiency. For more about Eco Rating and devices' Eco Rating scores, visit <https://www.ecoratingdevices.com>.

<sup>19</sup> Results shown on the energy label apply to sales model XT2607-1 and are intended for EU customers only. Energy labelling requirements came into effect to smartphones and tablets put on the EU market from 20 June 2025 onwards. Smartphones and tablets should display information on their energy efficiency class, battery endurance per cycle and in cycles, repeated free fall reliability class, repairability class, and ingress protection rating. For more detailed information on the Energy Label, visit [https://energy-efficient-products.ec.europa.eu/ecodesign-and-energy-label\\_en](https://energy-efficient-products.ec.europa.eu/ecodesign-and-energy-label_en).

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