

Product Environmental Report

motorola edge 70 max

Product Launch Date

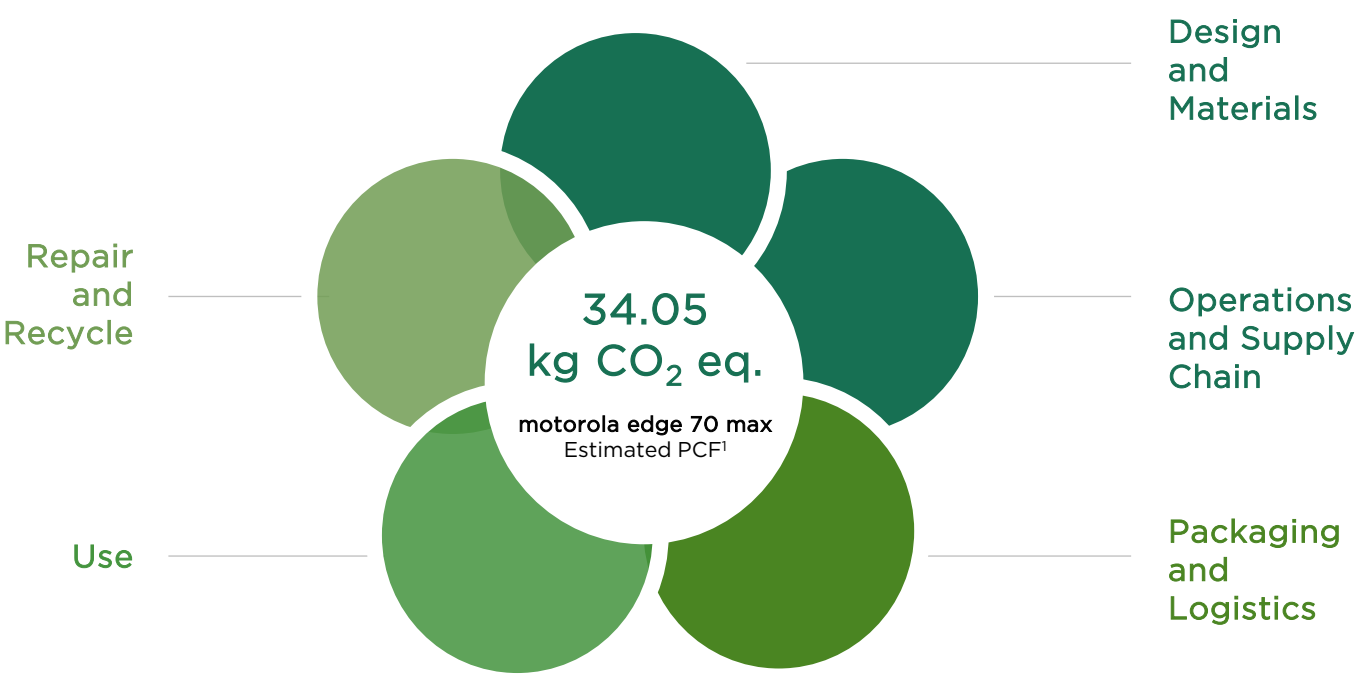
July 15, 2026



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.



We assessed the estimated total PCF of **motorola edge 70 max**’s entire life cycle, including manufacturing, transport, use and end-of-life (EoL) phases, using a life cycle assessment (LCA) methodology².

The estimated total PCF is 34.05 kg CO₂ eq. The distribution of the carbon footprint across each phase is accounted for as follows (rounded): Manufacturing 91.60%. Transport 7.14%. Use 2.38%. EoL -1.12%.

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.

Harmonizing sleek design with responsible material choices, 41% of the metals used in **motorola edge 70 max** are recycled³.



Recycled Aluminum³

100% of the aluminum used in the die-cast section of the middle housing is recycled.



Recycled Plastic³

- 85% of the plastics in the bottom bracket are recycled, including 65% post-consumer recycled (PCR) plastics and 20% ocean-bound plastics (OBP).
- 70% of the plastics in the front camera bracket are recycled, including 65% PCR plastics and 5% OBP.



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 accessories⁴.

- 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.

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 data⁵.



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.

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 supply chain has ESG-specific systems in place, supported by contractual requirements to help ensure that suppliers meet or exceed applicable labor, environmental, health and safety, and ethics standards.

Packaging and Logistics

Our packaging strategy focuses on eliminating plastics, utilizing recyclable materials, and optimizing compact designs to support more efficient use of packaging materials and transportation capacity.

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 a pallet return-and-reuse program between our Noida factory and the distribution center in India. Where feasible, we prioritized shifts from air to ocean freight, which can emit over 95% less CO₂e per tonne-kilometre than air freight based on industry-accepted methodologies.⁶

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 FY2025/26⁷. By the end of FY2025/26, Motorola had fully achieved and exceeded these targets.

Building on this progress, we have further raised the packaging standards for **motorola 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 max** packaging is plastic-free⁸.



Plastic-free⁸



Packaging
recyclable⁹



Soy ink
printing

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 2029/30¹⁰.

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

Battery Longevity



- The **motorola edge 70 max** includes built-in battery management features that help optimize power use and preserve battery health through routine 80% charging limits.
- Battery cycle life of up to 1,200 charge cycles.¹¹
- Power your day with a mighty 7100mAh battery.¹² Thanks to revolutionary silicon-carbon technology, you get long-lasting battery life and a thin design—without compromise.



Durability

The **motorola edge 70 max** meets military standards (MIL-STD 810H)¹³ for durability, and is engineered to give you peace of mind with IP68 and IP69 ratings¹⁴. Also, it helps protect your display with 2x better drop and scratch performance thanks to Corning® Gorilla® Glass 7i¹⁵.

2x Better

display drop and
scratch performance¹⁵

95% Humidity

protection¹³

1.8 Meters

drop resistance¹³

-20°C ~ 60°C

operates for up to 4
hours in extreme
temperatures¹³

4500 Meters

stand up to 1 hour of
playtime in high-altitude
adventures¹³

**Dust, Dirt, Sand,
High-Pressure Water
Protection¹⁴**

Repair and Recycle with Motorola

We operate take-back programs in partnership with carriers, customers, retailers and recyclers. We also 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](#)).

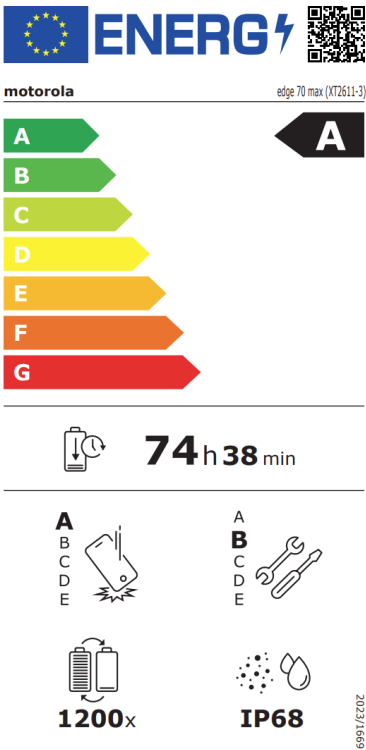


Industry Rating and Label

Eco Rating Result¹⁶

Device	motorola edge 70 max
Model Number	XT2611-3
RAM + Storage	8G + 256G
Eco Rating Overall Result	82
Material Efficiency Results	
Durability	88
Repairability	47
Recyclability	60
Use of Hazardous & Restricted Substances	60
Recycled Material Content	36
Waste Packaging and Accessories	61
Additional Results	
Climate Efficiency	73
Resource Efficiency	76

Product EU Energy Label¹⁷



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Endnotes

¹ The product PCF is calculated using quantitative estimates and modelling assumptions. For detailed PCF report of motorola edge 70 max, visit https://en-us.support.motorola.com/app/answers/detail/a_id/179267.

² The product lifecycle analysis (LCA) of motorola edge 70 max is performed in accordance with the ISO 14040, ISO 14044 and ISO 14067 standards. The estimated carbon footprint is an approximate measure of the green-house 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.

³ 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.

⁴ Controlled at 1,000 parts per million (ppm).

⁵ 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.

⁶ Based on methodologies and emission intensity ranges published in the Global Logistics Emissions Council (GLEC) Framework v3.2by Smart Freight Centre.

⁷ Performance relative to FY 2020/21. This excludes Lenovo smartphone packaging but includes RAZR smartphone packaging starting in FY 2023/24.

⁸ 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.

⁹ Recycling programs may not be available to consumers in all markets.

¹⁰ On average for comparable products relative to FY 2020/21.

¹¹ Measured according to EU Energy Label Regulation (EU) 2023/1669 (Lot X), Annex IV 'measurement and calculation method', which may not be reflective of real world usage. Actual battery performance may be less and will vary based on many factors including signal strength, network and device settings, temperature, and battery condition.

¹² The typical capacity is 7100mAh. 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 6890mAh. Rated capacity is the minimum guaranteed capacity of a battery under controlled conditions.

¹³ 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 edge 70 max 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.

Endnotes

¹⁴ 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.

¹⁵ 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.

¹⁶ Result applicable to sales model XT2611-3. 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>.

¹⁷ Results shown on the energy label apply to sales model XT2611-3 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.

¹⁸ Source: European Product Registry for Energy Labelling ([EPREL](https://eprel.europa.eu)), European Commission. Licensed under Creative Commons Attribution 4.0 International (CC BY 4.0). No changes were made to the image. License: <https://creativecommons.org/licenses/by/4.0/>.

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