

Product Environmental Report

motorola razr fold

Product Release Date

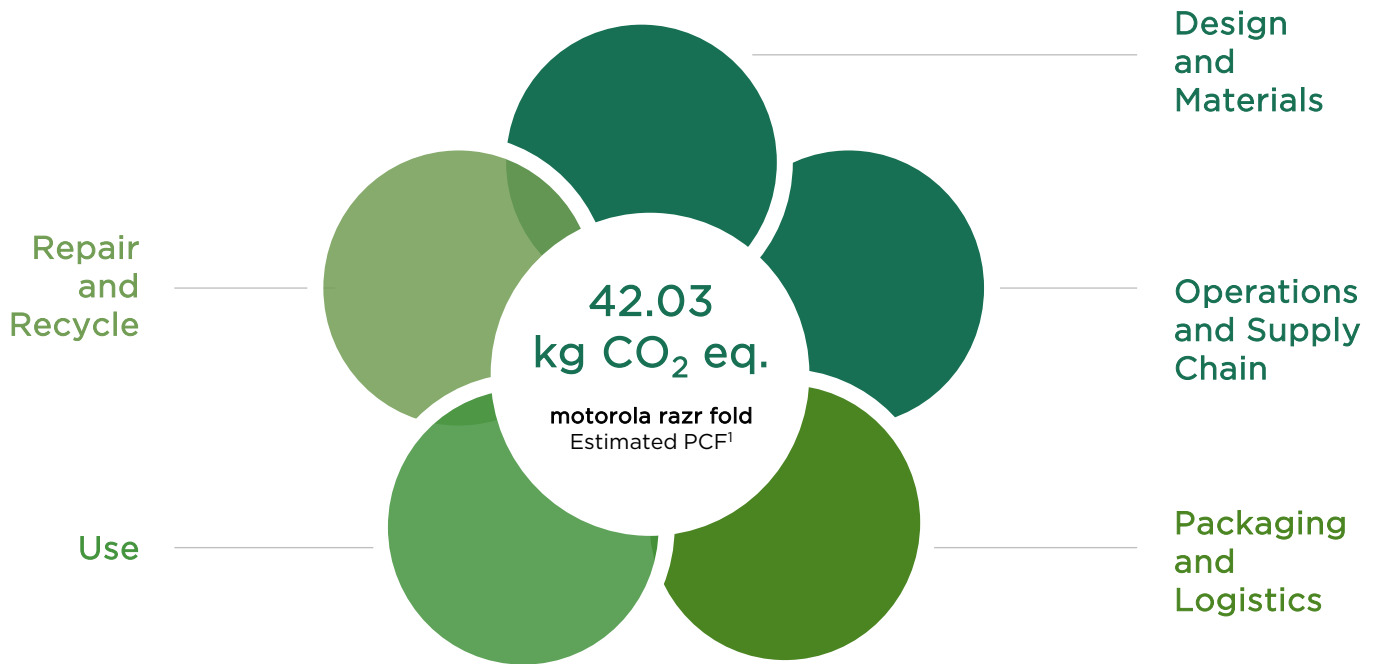
April 18, 2026



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 razr fold**'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 42.03 kg CO₂ eq. The distribution of the carbon footprint across each phase is accounted for as follows (rounded): Manufacturing 92.67%. Transport 6.11%. Use 1.90%. EoL -0.69%.

¹The PCF calculation is performed on 16GB RAM+512GB storage configuration.

²The 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.



Recycled Metal

The **motorola razr fold** incorporates Flexible Printed Circuit Seals (Base and Flip) made from 100% recycled aluminum³.



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 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 CO₂e per tonne-kilometre than air freight based on industry-accepted methodologies.⁷

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 FY2025/26⁸. 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 the **razr** and **edge** product families, targeting the elimination of plastic from packaging beginning in December 2024. As part of this initiative, the **motorola razr fold** packaging is plastic-free⁹.



Plastic-free⁹



Soy ink printing



Packaging recyclable¹⁰

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 2029/30¹¹.

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

The **motorola razr fold** is built for endurance inside and out with exceptional battery performance, long-term software support, and durable design innovations like a precision-engineered steel hinge, Corning® Gorilla® Glass Ceramic 3, and IP49 water resistance.¹⁶



Silicon-Carbon Battery

Thanks to revolutionary silicon-carbon technology, you get long-lasting battery life and a thin design—without compromise.¹² And with up to 1,200 life cycles, it's built to last.¹³



7 Years

With seven years of Android® OS and security updates, your phone will stay secure, up to date, and compatible with the latest AI innovations for years to come.¹⁴



Corning® Gorilla® Glass Ceramic 3

The **motorola razr fold** is the world's first smartphone with Corning® Gorilla® Glass Ceramic 3. In Motorola internal testing, razr fold achieved over 75% better drop performance compared to previous-generation devices — proving that cutting-edge foldable design can also be incredibly strong¹⁵.



IP49

Use your phone without hesitation thanks to IP49-rated protection against splashes and high-pressure water.¹⁶

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](#)).

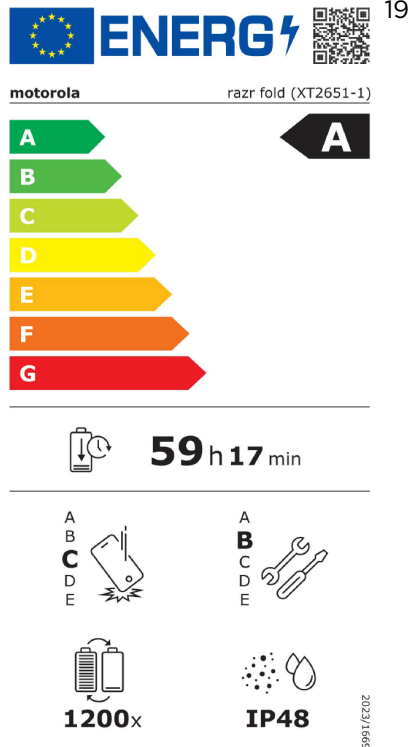


Industry Rating and Label

Eco Rating Result¹⁷

Device	motorola razr fold
Model Number	XT2651-1
RAM + Storage	16G + 512G
Eco Rating Overall Result	51
Material Efficiency Results	
Durability	61
Repairability	54
Recyclability	54
Use of Hazardous & Restricted Substances	60
Recycled Material Content	24
Waste Packaging and Accessories	70
Additional Results	
Climate Efficiency	40
Resource Efficiency	50

Product EU Energy Label¹⁸



Endnotes

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

² The product lifecycle analysis (LCA) of motorola razr fold 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.

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

⁷ Based on methodologies and emission intensity ranges published in the Global Logistics Emissions Council (GLEC) Framework v3.2 by Smart Freight Centre.

⁸ Performance relative to FY 2020/21. This excludes Lenovo smartphone packaging but includes RAZR smartphone packaging starting in FY 2023/24.

⁹ 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.

¹⁰ Recycling programs may not be available to consumers in all markets.

¹¹ On average for comparable products relative to FY 2020/21.

¹² All battery life claims are approximate and based on the median user tested across a mixed use profile (which includes both usage and standby time) under optimal network conditions. Actual battery performance will vary and depends on many factors including signal strength, network and device settings, temperature, battery condition, and usage patterns.

¹³ 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.

¹⁴ Includes 7 OS updates and up to 7 years of security updates starting from the global launch date. May vary by market, network provider and/or model. See <https://support.motorola.com/app/software-upgrade> for details.

¹⁵ When integrated into Motorola devices, Corning® Gorilla® Glass Ceramic 3 delivered over 75% improved drop performance compared to first-generation Gorilla® Glass Ceramic, results based on Motorola internal comparative testing. Actual performance may vary.

Endnotes

¹⁶ Water and dust resistance were tested to IP49 standards under controlled laboratory conditions. Withstands immersion in up to 1.5 meters of 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 are 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. Not waterproof.

¹⁷ Result applicable to sales model XT2651-1. 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>.

¹⁸ Results shown on the energy label apply to sales model XT2651-1 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.

¹⁹ 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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