

XIAOMI 25053PC47G

Xiaomi Poco F7 Ai 5G User Manual

MODEL: 25053PC47G

Introduction

Welcome to the user manual for your new Xiaomi Poco F7 Ai 5G smartphone. This guide provides essential information on setting up, operating, maintaining, and troubleshooting your device. Please read this manual thoroughly to ensure optimal performance and longevity of your phone.

The Poco F7 Ai 5G is designed for high performance, featuring a Flagship Snapdragon® 8s Gen 4 processor, a vibrant 6.83-inch 1.5K 120Hz AMOLED display, and a powerful 50MP Sony camera. With its massive 6500mAh battery and 90W HyperCharge, it's built to keep up with your demands.

What's in the Box

Upon opening the package, please verify that all items are present:

- Xiaomi Poco F7 Ai 5G Smartphone
- Manuals (this document and others)
- Phone Case
- USB Cable



Image: Contents of the Xiaomi Poco F7 Ai 5G retail box, showing the smartphone, a protective case, a USB charging cable, and various manuals.

Setup

1. SIM Card Installation

The Poco F7 Ai 5G supports dual SIM cards. To install your SIM card(s):

1. Locate the SIM card tray on the side of the device.
2. Insert the SIM ejector tool into the small hole next to the tray and push gently until the tray pops out.
3. Place your Nano-SIM card(s) into the designated slots on the tray. Ensure the gold contacts face downwards.
4. Carefully reinsert the tray into the phone until it clicks into place.



Image: Side profile of the Xiaomi Poco F7 Ai 5G, illustrating the location of the SIM card tray, volume buttons, and power button.

2. Initial Charging and Power On

Before first use, it is recommended to fully charge your device.

- Connect the USB cable to the phone's USB Type-C port and the other end to a compatible power adapter.
- Plug the adapter into a power outlet. The phone supports 90W HyperCharge for rapid charging.
- Once sufficiently charged, press and hold the Power button (located on the side) until the Xiaomi logo appears.

3. Initial Setup Wizard

Follow the on-screen instructions to complete the initial setup, which includes:

- Selecting your language and region.
- Connecting to a Wi-Fi network.
- Signing in to your Google account.
- Setting up screen lock (PIN, pattern, password, fingerprint, or face unlock).

Operating Your Device

Display Features



Image: Front and back view of the Xiaomi Poco F7 Ai 5G, showcasing its immersive display and the rear camera module.

- **Screen Size:** 6.83 inches with ultra-slim bezels for immersive viewing.
- **Resolution:** 1.5K (2772x1280) AMOLED display with 447 PPI.
- **Refresh Rate:** Up to 120Hz for smooth scrolling and gaming.
- **Brightness:** Typical 700 nits, HBM 1700 nits, Peak 3200 nits.
- **Touch Sampling Rate:** Up to 480Hz, with 2560Hz instant touch sampling in Game Turbo Mode.
- **Color:** DCI-P3 color gamut, 68 billion colors, Original Color PRO, Pro HDR display.
- **Protection:** Corning Gorilla Glass 7i.

- **Eye Care:** 3840Hz PWM dimming, TÜV Rheinland Low Blue Light, Flicker Free, and Circadian Friendly Certified.

Performance

Powered by the Flagship Snapdragon® 8s Gen 4 Mobile Platform (TSMC 4nm process), the Poco F7 Ai 5G delivers exceptional speed and efficiency.

- **CPU:** Octa-core processor, up to 3.21GHz.
- **GPU:** Adreno 825.
- **AI Engine:** Qualcomm Hexagon NPU.
- **Cooling:** 6000mm² 3D dual channel IceLoop system for efficient heat dissipation, ensuring optimal performance during intensive tasks like gaming.
- **Smart Performance Scheduling:** Xiaomi HyperCore intelligently optimizes core and clock speeds for efficiency and improved rendering.

Camera System



Image: Rear view of the Xiaomi Poco F7 Ai 5G, highlighting the prominent 50MP main camera and other lenses.

- **Main Camera:** 50MP Sony IMX882 sensor with f/1.5 aperture and Optical Image Stabilization (OIS). Features 1.6µm super pixel (4-in-1).
- **Ultra-Wide Camera:** 8MP OV08F.

- **Front Camera:** 20MP.
- **Photography Features:** Dynamic shot, Motion capture, Documents mode, Motion tracking focus, Portrait mode, Timed burst, Pro mode, 50MP mode, Panorama, Burst shot mode, Long exposure, HDR.
- **Video Recording:**
 - 4K video shooting: 30fps / 60fps
 - 1080p video shooting: 30fps / 60fps
 - 1080p slow motion: 120fps / 240fps / 960fps
 - 720p video shooting: 30fps
 - 720p slow motion: 120fps / 240fps / 960fps
- **Video Features:** Slow motion, Video teleprompter, Time-lapse, ShootSteady, Motion tracking focus.

Battery and Charging

- **Capacity:** Massive 6500mAh (typ) battery.
- **Charging:** 90W HyperCharge for rapid power delivery.
- **Reverse Charging:** Supports up to 22.5W reverse charging via USB Type-C.

Connectivity and Sensors

- **Network:** Dual SIM, 5G (Sub6G), 4G LTE FDD/TDD, 3G WCDMA, 2G GSM.
- **Wireless:** Wi-Fi Protocol: 802.11a/b/g/n/ac/ax, Bluetooth 5.4.
- **Navigation:** GPS (L1+L5), Beidou (B1I+B1C+B2a), Galileo (E1+E5a), GLONASS (G1), QZSS (L1+L5), NavIC (L5).
- **Security:** In-screen fingerprint sensor, AI Face Unlock.
- **Sensors:** Proximity sensor, Ambient light sensor, Accelerometer, Electronic compass, IR blaster, Gyroscope, Flicker sensor.

Operating System

The Poco F7 Ai 5G runs on HyperOS 2 based on Android 15, offering a smooth and intuitive user experience with enhanced features and optimizations.

Maintenance

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Regularly check for and install system updates to ensure your device has the latest features, security patches, and performance improvements.
- **Battery Care:** To prolong battery life, avoid extreme temperatures. While the phone supports fast charging, occasional slower charging can be beneficial. Avoid completely draining the battery frequently.
- **Storage Management:** Periodically clear unnecessary files, cache, and uninstall unused applications to maintain optimal performance.
- **Water and Dust Resistance:** The device features IP68 dust and water resistance. While it offers protection against immersion, it is not waterproof. Avoid intentional submersion or exposure to high-pressure water.

Troubleshooting

If you encounter issues with your device, try the following common troubleshooting steps:

- **Device Not Responding:** Press and hold the Power button for about 10-15 seconds to force a restart.
- **Charging Issues:** Ensure the USB cable and adapter are securely connected and undamaged. Try a different outlet or charger.

- **Network Connectivity Problems:** Check if Airplane Mode is off. Restart the phone. Verify your SIM card is properly inserted and activated. Contact your carrier if issues persist.
- **App Crashes/Freezes:** Close the app and reopen it. If the problem continues, clear the app's cache and data in Settings, or uninstall and reinstall the app.
- **Poor Camera Quality:** Ensure the camera lens is clean. Check lighting conditions. Reset camera settings to default.
- **Overheating:** Close background applications. Reduce screen brightness. Avoid using the phone while charging for extended periods. The IceLoop cooling system helps manage heat, but extreme usage can still cause warmth.
- **Factory Reset:** As a last resort, you can perform a factory reset.**Warning:** This will erase all data on your phone. Back up important data before proceeding. Navigate to Settings > System > Reset options > Erase all data (factory reset).

Specifications

Feature	Detail
Model Name	Poco F7
Model Number	25053PC47G
Operating System	HyperOS 2 Android 15
Processor	Flagship Snapdragon 8s Gen 4 (Octa-core, up to 3.21GHz)
Display	6.83-inch 1.5K AMOLED, 120Hz Refresh Rate, 3200 nits Peak Brightness
Resolution	2772 x 1280
RAM	12 GB
Storage	256 GB
Main Camera	50MP Sony IMX882 with OIS
Front Camera	20MP
Battery Capacity	6500 mAh (typ)
Charging	90W HyperCharge, 22.5W Reverse Charging
Connectivity	5G, Wi-Fi 802.11ax, Bluetooth 5.4, NFC, GPS
Dimensions	7.36 x 3.74 x 2.36 inches (Package)
Weight	1.19 pounds
Water & Dust Resistance	IP68
Color	Silver

Warranty and Support

Your Xiaomi Poco F7 Ai 5G comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including coverage period and limitations.

For technical support, service, or further inquiries, please visit the official Xiaomi support website or contact their customer service. You can find more information and resources on the [Xiaomi Store on Amazon](#).

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Documents - XIAOMI – 25053PC47G



[Poco F7 User Manual: Safety, Regulations, and Technical Specifications](#)

Comprehensive user manual for the Poco F7 smartphone, detailing EU and FCC regulations, SAR information, safety precautions, frequency bands, and legal compliance. Includes technical specifications for GSM, LTE, 5G NR, Wi-Fi, and Bluetooth.

lang:i-klnglon **score:29** filesize: 181.6 K page_count: 3 document date: 2025-07-25

[\[pdf\] User Manual SAR Rating](#)

1154370 DAGp305zTog BAFvMTZLrZw Надія Нищук POCO F7Компанія Xiaomi Communications Co Ltd заявляє що цей цифровий мобільний телефон із підтримкою GSM GPRS EDGE UMTS LTE 5G NR Bluetooth i Wi Fi 1154370 poco f7 12 256gb blacki allo ua media manual black ||| POCO F7 li , QR-. RED Xiaomi Communications Co., Ltd. , GSM / GPRS / EDGE / UMTS / LTE / 5G NR, Bluetooth Wi-Fi **25053PC47G** 2014/53/EU. - www.mi.com/en/certification SAR SAR SAR 10 : 2,0 / , 1999/519/EC, 201... lang:en **score:28** filesize: 293.93 K page_count: 4 document date: 2025-06-10



POCO F7
Інструкція з використання

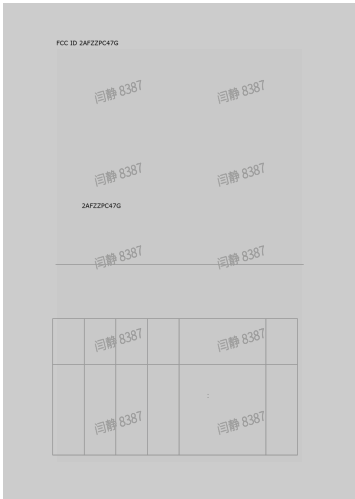


Щоб переглянути посібник користувача, проскануйте QR-код.

[POCO F7 User Manual and Safety Information](#)

This document provides the user manual and safety information for the POCO F7 smartphone, including regulatory compliance details for EU and FCC, SAR information, and operating precautions.

lang:en score:27 filesize: 293.93 K page_count: 4 document date: 2025-06-10

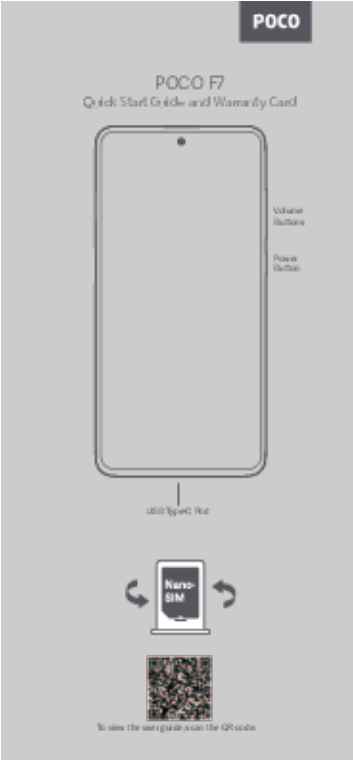


[\[pdf\] Specifications Test Report](#)

Apache POI Antenna Specification Xiaomi Communications Co Ltd PC47G Mobile Phone 2AFZZPC47G pc47g

Model Name:**25053PC47G** FCC ID 2AFZZPC47G O10U Project FCC Part 15 Antenna report_WLAN_20250109 Antenna Performance Description Applicant: Xiaomi Communications Co., Ltd Product description: Mobile Phone Model Name:**25053PC47G** FCC ID: 2AFZZPC47G Test date: 2025/01/09 Test Engineer: 1. Antenna informat...

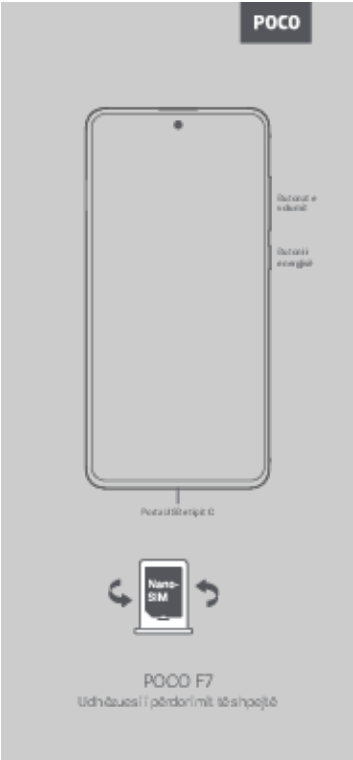
lang:en score:24 filesize: 1.11 M page_count: 13 document date: 2025-04-09



[POCO F7 Quick Start Guide and Warranty Card](#)

This document provides a quick start guide and warranty information for the POCO F7 smartphone. It includes instructions on device setup, SIM card usage, safety precautions, and warranty terms and conditions.

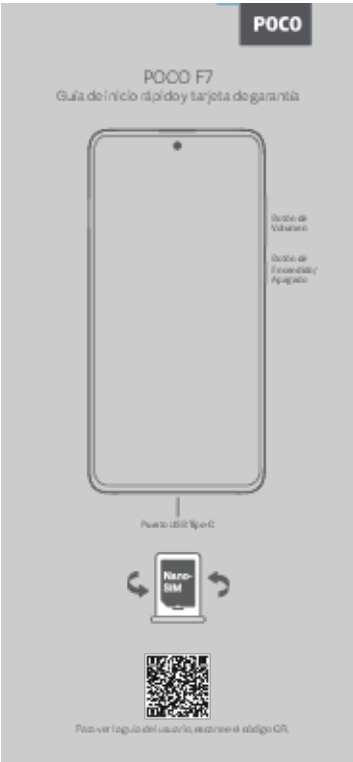
lang:en score:23 filesize: 913.93 K page_count: 14 document date: 2025-06-19



[POCO F7 Quick Start Guide](#)

Get started with your new POCO F7 smartphone. This guide provides essential information on setup, safety, and features.

lang:id score:22 filesize: 6.16 M page_count: 90 document date: 2025-06-23



[POCO F7 Quick Start Guide and Warranty Card](#)

This document provides a quick start guide and warranty information for the POCO F7 smartphone. It includes setup instructions, safety precautions, regulatory information, and warranty terms.

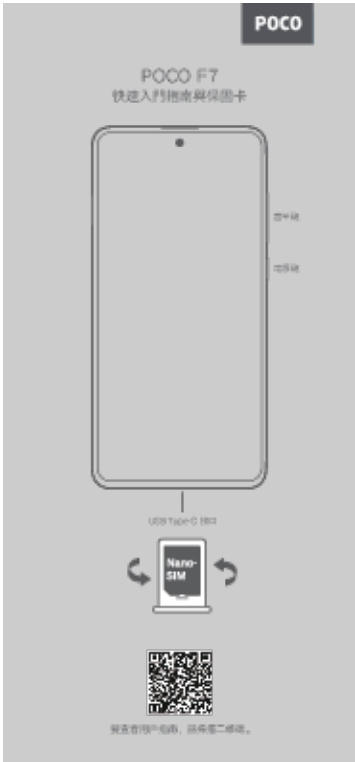
lang:es score:20 filesize: 427.83 K page_count: 6 document date: 2025-06-19

Product Information Sheet	
COMMISSION DELEGATED REGULATION (EU) 2023/2069 with regard to the energy labelling of smartphones and state tablets	
1. Trademark	2. Model Identifier
POCO	25053PC47G
3. General product parameters:	
Parameter	Value
4. Device type	Smartphone
5. Operating system	Android
6. Energy efficiency class	B
7. Battery user-replaceable	No
8. Battery endurance per cycle (EN15195, 100%)	90
9. Battery endurance in cycles - default settings (cycles)	1,000
10. Rated battery capacity (C _{rated} (mAh))	4,330
11. Shipped with protective cover	No
12. Repeated free fall reliability test - falls without defect, tested in fully extended state (%)	45
13. Repeated free fall reliability test - falls without defect, tested in fully extended state (%)	n/a
14. Repeated free fall reliability class	D
15. Ingress protection rating	IP68
16. Specified immersion depth in water, in case of IP68 (m)	1,50
17. Screen scratch resistance on Mohs hardness scale	5
18. Charger	Required output power (W)
	Receptacle type (at device end)
	USB-C
Repairability information:	
19. Minimum guaranteed availability of operating system security updates, corrective updates and functionality updates (years)	5
20. Repairability Class (based on the index below)	C
21. Repairability Index	2,81
21a. Disassembly Depth (D _{ad}) score	3,00
21b. Fasteners (Type) score (S _f)	3,00
21c. Tools (Type) score (S _t)	2,40
21d. Spare Part score (S _{sp})	3
21e. Software (Updates duration) score (S _{sw})	1
21f. Repair Information score (S _{ri})	3
22. Website to information on spare parts availability for professional repairers and end users	spareparts.mi.com

[POCO 25053PC47G Smartphone Product Information Sheet](#)

Product information sheet for the POCO 25053PC47G smartphone, detailing technical specifications, energy efficiency, repairability, and supplier information.

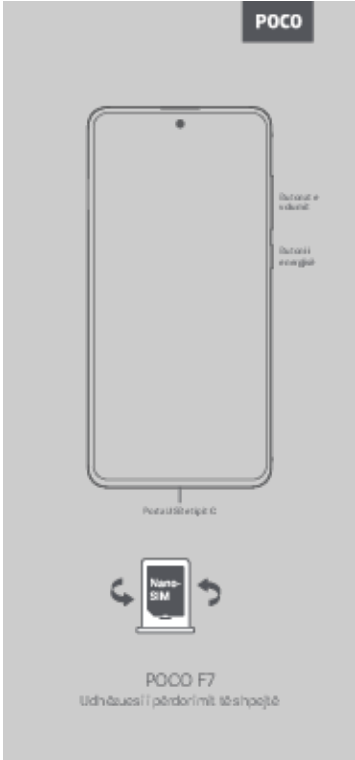
lang:en score:19 filesize: 85.04 K page_count: 2 document date: 2025-06-24



[POCO F7 Quick Start Guide and Warranty Card](#)

This document provides a quick start guide for the POCO F7 smartphone, including setup instructions, SIM card usage, safety information, specifications, and warranty policy for Taiwan. It details the device's features, charging capabilities, and compliance information.

lang:it score:19 filesize: 529.29 K page_count: 4 document date: 2025-06-19



[\[pdf\] Frequently Asked Questions Guide](#)

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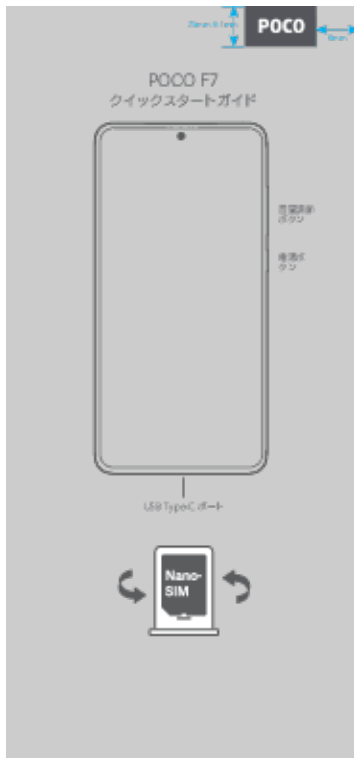


[\[pdf\]](#) Quick Start Guide Declaration of Conformity SAR Rating

O10U QSG SI 8 gl123 alsgp0 mi fds gl123 POCO F7 8 |||

POCO F7 Safety Information To view the user guide, scan the QR code. English EU Regulations RED Declaration of Conformity Xiaomi Communications Co., Ltd. hereby declares that this GSM / GPRS / EDGE / UMTS / LTE / 5G NR Digital Mobile Phone with Bluetooth and Wi-Fi **25053PC47G** is in compliance ...

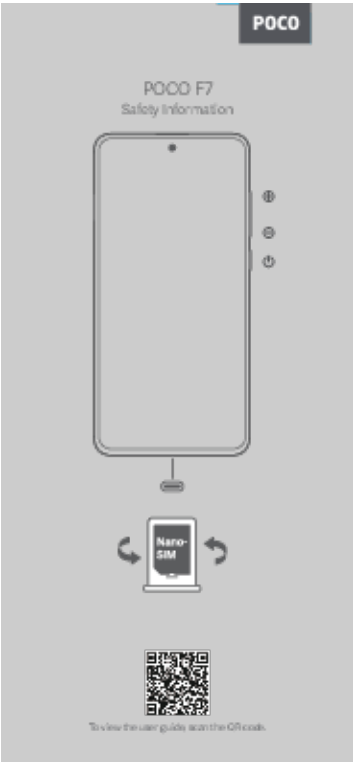
lang:en score:18 filesize: 1.6 M page_count: 38 document date: 2025-06-19



[POCO F7 Quick Start Guide](#)

This document provides a quick start guide for the POCO F7 smartphone, including setup instructions, safety precautions, and disposal information.

lang:fi score:18 filesize: 487 K page_count: 4 document date: 2025-06-19



[pdf] Quick Start Guide Declaration of Conformity SAR Rating

O10U QSG SI EEA14 gl123 alsqp0 mi fds gl123 POCO F7 EEA14 |||

POCO F7 Safety Information To view the user guide, scan the QR code. English EU Regulations RED Declaration of Conformity Xiaomi Communications Co., Ltd. hereby declares that this GSM / GPRS / EDGE / UMTS / LTE / 5G NR Digital Mobile Phone with Bluetooth and Wi-Fi **25053PC47G** is in compliance ...

lang:en **score:18** filesize: 3.18 M page_count: 64 document date: 2025-06-19

Продуктов информационен лист	
ДЕЛЕГИРАН РЕГЛАМЕНТ НА КОМИСИЈАТА (ЕС) 2023/3669 на Комисијата во одношение на енергетските означувања на смартфоните и таблети	
1. Типовна марка POCO	2. Идентификационен код на моделот 25053PC47G
3. Основни параметри на производот:	
4. Тип на уредот	Smartphone
5. Оперативен систем	Android
6. Кажи за енергетска ефикасност	B
7. Вклучена ли е да се прикаже отвореноста	Не
8. Надградливост на батеријата за одреден циклус (ENDC) (n/a)	64
9. Надградливост на батеријата во циклус — материјал на батеријата (n/a)	1,000
10. Објавен капацитет на батеријата (C _{nom}) (mAh)	6,330
11. Достапно ли е скринот капацитет	Не
12. Издавање за издржливост при нискоотпорно ниво на екранот капацитет — капацитет на екранот (n/a)	45
13. Издавање за издржливост при нискоотпорно ниво на екранот капацитет — капацитет на екранот (n/a)	n.a.
14. Издавање за издржливост при нискоотпорно ниво на екранот капацитет — капацитет на екранот (n/a)	n.a.
15. Кажи за издржливост при нискоотпорно ниво на екранот капацитет	D
16. Степен на заштита од променливост на ниво на екранот	IP68
17. Спецификација на батеријата на екранот капацитет (n/a)	1,50
18. Типот на батерија на екранот капацитет (n/a)	S
19. Типот на батерија на екранот капацитет (n/a)	90
20. Типот на батерија на екранот капацитет (n/a)	USB-C
Информации за енергетските означувања:	
21. Математичка формула за пресметување на енергетските означувања	S
22. Математичка формула за пресметување на енергетските означувања	C
23. Математичка формула за пресметување на енергетските означувања	C

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2023/1669 1. 2. POCO **25053PC47G** 3. : 4. Smartphone 5. Android 6. B 7. - 8. 64 END h 9. -- 1 000 10. C- 6 330 mAh 11. 12. - 45 -- n 13. - n.a. -- , n 14. D 1...

lang:tl **score:17** filesize: 66.64 K page_count: 2 document date: 2025-06-04

Informačný list výrobku	
DELEGOVANÉ NARIADENIE KOMISIE (EÚ) 2023/3669, pokiaľ ide o energetické označovanie smartfónov a tabletov	
1. Ochranná známka POCO	2. Identifikačný kód modelu 25053PC47G
3. Všeobecné parametre výrobku:	
4. Typ zariadenia	Smartphone
5. Operačný systém	Android
6. Trieda energetickej účinnosti	B
7. Bateria je vymeniteľná používateľom	Ne
8. Výdrž batérie v rámci jedného cyklu (ENDC) (n/a)	64
9. Výdrž batérie v rámci jedného cyklu — pred výdržou nabitia (n/a)	1,000
10. Maximálna kapacita batérie (C _{nom}) (mAh)	6,330
11. Dostupnosť na ochranu tmy	Ne
12. Skúška spoľivosti v prípade spracovania vlnového pulzu — pulz (n/a)	45
13. Skúška spoľivosti v prípade spracovania vlnového pulzu — pulz (n/a)	n.a.
14. Skúška spoľivosti v prípade spracovania vlnového pulzu — pulz (n/a)	n.a.
15. Trieda spoľivosti v prípade spracovania vlnového pulzu	D
16. Špeciálna ochrana pred ovládnutím	IP68
17. Špeciálna ochrana pred ovládnutím na úrovni (n/a)	1,50
18. Typ batérie (n/a)	S
19. Typ batérie (n/a)	90
20. Typ batérie (n/a)	USB-C
Informácie o energetickosti:	
21. Matematická vzorca pre výpočet energetickosti	S
22. Matematická vzorca pre výpočet energetickosti	C
23. Matematická vzorca pre výpočet energetickosti	C
24. Hodnota energetickosti	2,81
25. Hodnota energetickosti	3,00
26. Hodnota energetickosti	3,00
27. Hodnota energetickosti	2,40

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Informacn list vrobku DELEGOVAN NARIADENIE KOMISIE E 2023/1669, pokia ide o energetick oznacovani ... vovacch prvkov druhy SF 21c. Bodov hodnotenie nstrojov druhy ST 2. Identifikaacn kd modelu **25053PC47G** Hodnota Smartphone Android B Nie 64 1 000 6 330 Nie 45 n.a. D IP68 1,50 5 90 USB-C 5 C 2,...

lang:it **score:16** filesize: 62.36 K page_count: 2 document date: 2025-06-04

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Karta informacyjna produktuXiaomi POCO F7 12 512GB White Smartfony i telefony Sklep komputerowy x kom pl1342205stati pl energylabel 1342205 produktuKarta plXiaomi Silver pl1342206stati 1342205stati 1342206 Black pl1342202stati 1342206stati 1342202 ||| ||| Karta informacyjna produktu ROZPORZDZENIE DELEGOWANE KOMISJI UE 2023/1669 w odniesieniu do etykietowania energetycznego smartfonw i komputerw typu slate 1. Znak towarowy POCO 3. Oglne parametry produktu: Parametr 4. Typ urzdzenia 5. System ||| Karta informacyjna produktu ROZPORZDZENIE DELEGOWANE KOMISJI UE 2023/1669 w odniesieniu do etykietowania energetycznego smartfonw i komputerw typu slate 1. Znak towarowy POCO 3. Oglne parametry produktu: Parametr 4. Typ urzdzenia 5. System Karta informacyjna produktu ROZPORZDZENIE DELEGOWANE KOMISJI UE 2023/1669 w odniesieniu do etykie ... 21. Wskanik moliwoci naprawy 21a. Punktowa ocena glbokoci demontau SDD 2. Identyfikator modelu **25053PC47G** Warto Smartphone Android B Nie 64 1 000 6 330 Nie 45 n.a. D IP68 1,50 5 90 USB-C 5 C 2,61...

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Karta informacyjna produktu	
ROZPORZĄDZENIE DELEGOWANE KOMISJI (UE) 2023/1669 w odniesieniu do etykietowania energetycznego smartfonów i komputerów typu slate	
1. Znak towarowy	2. Identyfikator modelu
POCO	25053PC47G
3. Ogólne parametry produktu:	
Parametr	Wartość
4. Typ urządzenia	Smartphone
5. System operacyjny	Android
6. Klasa efektywności energetycznej	B
7. Baterie, która może zawierać substancje	Nie
8. Trwałość baterii na cykl (EEO _{batt} [%])	64
9. Trwałość baterii w cyklach – całkowita do- stępna liczba cykli	1 000
10. Pojemność znamionowa baterii (E _{batt} [mAh])	6 330
11. Urządzenie dostarczane z obrotową ochroną	Nie
12. Badanie wytrzymałości na spadki swobodne wideliskowe – upadek bez wystąpienia uszko- dzeń [m]	45
13. Badanie wytrzymałości na spadki swobodne wideliskowe – upadek bez wystąpienia uszko- dzeń, badanie w stanie obciążenia maksymal- nym [m]	n.a.
14. Klasa wytrzymałości na spadki swobodne wideliskowe	D
15. Stopień ochrony przed wodą	IP68
16. Ochrona głębokości zanurzenia w wodzie w przypadku IPd [m]	1,50
17. Odporność ekranu na zarysowanie w skali twardeści Mohsa	5
18. Kolor – Wyposażenie opcjonalne [m] wzrost – Typ przycisku [m] strony urządze- nia	90 USB-C
Informacje dotyczące możliwości naprawy:	
19. Minimalna gwarantowana dostępność ak- tywacji zabezpieczeń, aktualizacji oprogramo- wa i aktualizacji funkcji systemu operacyjnego [m]	5
20. Klasa możliwości naprawy (oparta na poro- wnaniu wskaźnika)	C
21. Wskaźnik możliwości naprawy	2,61
21a. Punktowa ocena głębokości demontażu [m]	3,00