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Apple Watch SE (2nd generation)

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Summary

44mm or 40mm aluminum case	46mm or 42mm aluminum or titanium case	49mm titanium case
LTPO OLED Retina display	LTPO3 OLED Always-on Retina display	LTPO2 OLED Always-on Retina display
—	Wide-angle OLED	—
Up to 1000 nits	Up to 2000 nits	Up to 3000 nits
—	Up to 40% brighter when viewed at an angle	—
—	ECG app ¹	ECG app ¹
High and low heart rate notifications	High and low heart rate notifications	High and low heart rate notifications
Irregular rhythm notifications ²	Irregular rhythm notifications ²	Irregular rhythm notifications ²
Low cardio fitness notifications	Low cardio fitness notifications	Low cardio fitness notifications
Sleep tracking	Sleep tracking	Sleep tracking
—	Sleep apnea notifications ³	Sleep apnea notifications ³
Vitals app featuring heart rate, respiratory rate, and sleep duration ⁴	Vitals app featuring heart rate, respiratory rate, wrist temperature, and sleep duration ⁴	Vitals app featuring heart rate, respiratory rate, wrist temperature, and sleep duration ⁴

—	Temperature sensing ⁵	Temperature sensing ⁵
Cycle Tracking	Cycle Tracking with retrospective ovulation estimates ⁶	Cycle Tracking with retrospective ovulation estimates ⁶
Emergency SOS ⁷	Emergency SOS ⁷	Emergency SOS ⁷
International emergency calling ⁸	International emergency calling ⁸	International emergency calling ⁸
Fall Detection and Crash Detection ⁷	Fall Detection and Crash Detection ⁷	Fall Detection and Crash Detection ⁷
—	—	Siren
50m	50m	100m
Water resistant ⁹	Water resistant ¹⁰	Water resistant ¹¹
Swimproof	Swimproof	Swimproof
—	Depth gauge to 6m	Depth gauge to 40m
—	Water temperature sensor	Water temperature sensor
—	—	High-speed water sports
—	—	Recreational scuba to 40m
GPS	GPS	Precision dual-frequency GPS
Cellular and Wi-Fi only options ²³	Cellular and Wi-Fi only options ²³	Cellular ²³

S8 SiP	S10 SiP	S9 SiP
—	Double tap gesture	Double tap gesture
Siri	Fast on-device Siri with health data access	Fast on-device Siri with health data access
Find iPhone	Precision Finding for iPhone ²⁴	Precision Finding for iPhone ²⁴
Up to 18 hours ²⁵	Up to 18 hours ²⁶	Up to 36 hours ²⁷
Low Power Mode	Up to 36 hours in Low Power Mode ²⁶	Up to 72 hours in Low Power Mode ²⁷
—	Faster charging (0–80% in about 30 minutes) ³⁸	Fast charging (0–80% in about 1 hour) ³⁹

Materials and Finishes

GPS + Cellular	GPS + Cellular	GPS + Cellular
Aluminum available in midnight, starlight, and silver	Aluminum available in jet black, rose gold, and silver	—
—	Titanium available in slate, gold, and natural	Titanium available in black and natural
GPS	GPS	—
Aluminum available in midnight, starlight, and silver	Aluminum available in jet black, rose gold, and silver	—
—	Apple Watch Hermès	Apple Watch Hermès
—	Titanium available in silver	Titanium available in natural

Case

44mm by 38mm by 10.7mm (44mm) 32.9 grams (GPS) 33.0 grams (GPS + Cellular)	46mm by 39mm by 9.7mm (46mm) 36.4 grams (aluminum, GPS) 35.3 grams (aluminum, GPS + Cellular) 41.7 grams (titanium)	49mm by 44mm by 14.4mm 61.4 grams (natural) 61.8 grams (black)
40mm by 34mm by 10.7mm (40mm) 26.4 grams (GPS) 27.8 grams (GPS + Cellular)	42mm by 36mm by 9.7mm (42mm) 30 grams (aluminum, GPS) 29.3 grams (aluminum, GPS + Cellular) 34.4 grams (titanium)	—
Nylon composite and sapphire crystal back	Metal and sapphire crystal back	Ceramic and sapphire crystal back

Display

LTPO OLED Retina display	LTPO3 OLED Always-on Retina display	LTPO2 OLED Always-on Retina display
—	Wide-angle OLED	—
Up to 1000 nits brightness	Up to 2000 nits brightness	Up to 3000 nits brightness
—	1 nit minimum brightness	1 nit minimum brightness
44mm 368 by 448 pixels 977 sq mm display area	46mm 416 by 496 pixels 1220 sq mm display area	49mm 410 by 502 pixels 1185 sq mm display area
40mm 324 by 394 pixels 759 sq mm display area	42mm 374 by 446 pixels 989 sq mm display area	—

Chip

S8 SiP with 64-bit dual-core processor	S10 SiP with 64-bit dual-core processor	S9 SiP with 64-bit dual-core processor
W3 Apple wireless chip	W3 Apple wireless chip	W3 Apple wireless chip
—	Second-generation Ultra Wideband chip ⁴⁴	Second-generation Ultra Wideband chip ⁴⁴

—	4-core Neural Engine	4-core Neural Engine
32GB capacity	64GB capacity	64GB capacity

Sensors

—	Electrical heart sensor	Electrical heart sensor
Second-generation optical heart sensor	Third-generation optical heart sensor	Third-generation optical heart sensor
Ambient light sensor	Ambient light sensor	Ambient light sensor
—	Water temperature sensor	Water temperature sensor
—	Depth gauge and Depth app	Depth gauge and Depth app
Speaker	Speaker Media playback	Dual speakers Media playback
Microphone	Microphone with voice isolation	Three-microphone array with beamforming and wind noise mitigation
Always-on altimeter	Always-on altimeter	Always-on altimeter with expanded operating range from –500m to 9000m
Compass	Compass	Compass
Waypoints, Backtrack, and Elevation view	Waypoints, Backtrack, and Elevation view	Waypoints, Backtrack, and Elevation view
High dynamic range gyroscope	High dynamic range gyroscope	High dynamic range gyroscope

Health and Wellness

—	ECG app ¹	ECG app ¹
—	Nightly wrist temperature tracking ⁵	Nightly wrist temperature tracking ⁵
Cycle Tracking	Cycle Tracking with retrospective ovulation estimates ⁶	Cycle Tracking with retrospective ovulation estimates ⁶
Sleep tracking	Sleep tracking	Sleep tracking
—	Sleep apnea notifications ³	Sleep apnea notifications ³

Vitals app featuring heart rate, respiratory rate, and sleep duration ⁴	Vitals app featuring heart rate, respiratory rate, wrist temperature, and sleep duration ⁴	Vitals app featuring heart rate, respiratory rate, wrist temperature, and sleep duration ⁴
Mindfulness app with state of mind tracking	Mindfulness app with state of mind tracking	Mindfulness app with state of mind tracking
Training load	Training load	Training load
Noise monitoring	Noise monitoring	Noise monitoring
GymKit	GymKit	GymKit

Connectivity

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LTE and UMTS GPS + Cellular models	LTE and UMTS GPS + Cellular models	LTE and UMTS GPS + Cellular models
Support for Apple Watch For Your Kids (GPS + Cellular models) ⁴⁵ Connect family members who don't have an iPhone	Support for Apple Watch For Your Kids (GPS + Cellular models) ⁴⁵ Connect family members who don't have an iPhone	Support for Apple Watch For Your Kids (GPS + Cellular models) ⁴⁵ Connect family members who don't have an iPhone
Wi-Fi 4 802.11n	Wi-Fi 4 802.11n	Wi-Fi 4 802.11n
Bluetooth 5.3	Bluetooth 5.3	Bluetooth 5.3
L1 GPS, GLONASS, Galileo, and QZSS	L1 GPS, GLONASS, Galileo, QZSS, and BeiDou	L1 and L5 GPS, GLONASS, Galileo, QZSS, and BeiDou
Offline maps ⁴⁶	Offline maps ⁴⁶	Offline maps ⁴⁶
Apple Pay	Apple Pay	Apple Pay

Safety

International emergency calling ⁸	International emergency calling ⁸	International emergency calling ⁸
Emergency SOS ⁷	Emergency SOS ⁷	Emergency SOS ⁷
International roaming ⁴⁷	International roaming ⁴⁷	International roaming ⁴⁷

High-g accelerometer Up to 256 g-forces with Fall Detection and Crash Detection	High-g accelerometer Up to 256 g-forces with Fall Detection and Crash Detection	High-g accelerometer Up to 256 g-forces with Fall Detection and Crash Detection
—	—	Siren

Power and Battery Life

Built-in rechargeable lithium-ion battery	Built-in rechargeable lithium-ion battery	Built-in rechargeable lithium-ion battery
Up to 18 hours ²⁵	Up to 18 hours ²⁶	Up to 36 hours ²⁷
—	Up to 36 hours in Low Power Mode ²⁶	Up to 72 hours in Low Power Mode ²⁷
—	Fast charge capable ⁴⁸	Fast charge capable ⁴⁸

Durability

Water resistant 50 meters ⁹	Water resistant 50 meters ¹⁰	Water resistant 100 meters ¹¹
—	Depth to 6m / 20 ft.	Dive to 40m / 130 ft.
—	—	EN13319 certification
—	Certified IP6X dust resistant ⁴⁹	Certified IP6X dust resistant ⁵⁰
—	—	Tested to MIL-STD 810H

Environmental Features⁵⁴

Carbon neutral combinations available ⁵⁵	Carbon neutral combinations available ⁵⁵	Carbon neutral combinations available ⁵⁵
100% recycled aluminum in the case	100% recycled aluminum in the case	—
—	95% recycled titanium in the case	95% recycled titanium in the case
100% recycled tungsten in the Taptic Engine	100% recycled tungsten in the Taptic Engine	100% recycled tungsten in the Taptic Engine

100% recycled rare earth elements in all magnets	100% recycled rare earth elements in all magnets	100% recycled rare earth elements in all magnets
100% recycled tin in the solder of multiple printed circuit boards	100% recycled tin in the solder of all Apple-designed printed circuit boards	100% recycled tin in the solder of multiple printed circuit boards
100% recycled gold in plating of multiple printed circuit boards	100% recycled gold in plating of multiple printed circuit boards	100% recycled gold in plating of multiple printed circuit boards
—	100% recycled copper in multiple printed circuit boards	100% recycled copper foil in the main logic board
—	100% recycled copper wire in the Taptic Engine	100% recycled copper wire in the Taptic Engine
—	100% recycled cobalt in the battery	100% recycled cobalt in the battery
Energy efficient ⁵⁶	Energy efficient ⁵⁶	Energy efficient ⁵⁶
Responsible packaging ⁵⁷	Responsible packaging ⁵⁷	Responsible packaging ⁵⁷
Arsenic-free display glass ⁵⁸	Arsenic-free glass ⁵⁸	Arsenic-free display glass ⁵⁸
Mercury-, BFR-, and PVC-free ⁵⁸	Mercury-, BFR-, and PVC-free ⁵⁸	Mercury-, BFR-, and PVC-free ⁵⁸
Apple Trade In ⁵⁹	Apple Trade In ⁵⁹	Apple Trade In ⁵⁹

1. The ECG app is available on Apple Watch Series 4 and later (excluding Apple Watch SE) and can generate an ECG similar to a single-lead electrocardiogram. Intended for use by people 22 years old and over.

2. Irregular rhythm notification requires the latest version of watchOS and iOS. It is not intended for use by people under 22 years old or those who have been previously diagnosed with atrial fibrillation (AFib).

3. The Sleep Apnea Notification Feature is available on Apple Watch Series 9 and later and Ultra 2. It is intended to detect signs of moderate to severe sleep apnea for people 18 years old or older without a diagnosis of sleep apnea.

4. The Vitals app is for wellness purposes only and not for medical use.
5. The temperature sensing feature is not intended for medical use. Temperature sensing is available only on Apple Watch Series 8 and later and all Apple Watch Ultra models.
6. The Cycle Tracking app should not be used for birth control or to diagnose a health condition.
7. Emergency SOS requires a cellular connection or Wi-Fi calling with an internet connection from your Apple Watch or nearby iPhone.
8. Requires Apple Watch Series 7, SE, Ultra, or later. For a list of supported countries and regions, see apple.com/watchos/feature-availability.
9. Apple Watch SE has a water resistance rating of 50 meters under ISO standard 22810:2010. This means that it may be used for shallow-water activities like swimming in a pool or ocean. Apple Watch SE should not be used for scuba diving, waterskiing, or other activities involving high-velocity water or submersion below shallow depth. Water resistance is not a permanent condition and can diminish over time. For additional information see support.apple.com/en-us/HT205000.
10. Apple Watch Series 10 has a water resistance rating of 50 meters under ISO standard 22810:2010. This means that it may be used for shallow-water activities like snorkeling or swimming in a pool or ocean. Apple Watch Series 10 should not be used for scuba diving, waterskiing, or other activities involving high-velocity water or submersion below shallow depth. Water resistance is not a permanent condition and can diminish over time. For additional information see support.apple.com/en-us/HT205000.
11. Apple Watch Ultra 2 has a water resistance rating of 100 meters under ISO standard 22810:2010. It may be used for recreational scuba diving (with compatible third-party app from the App Store) to 40 meters and high-speed water sports. Apple Watch Ultra 2 should not be used for diving below 40 meters. Water resistance is not a permanent condition and can diminish over time. For additional information see support.apple.com/HT205000.
12. Apple Watch Series 9 has a water resistance rating of 50 meters under ISO standard 22810:2010. This means that it may be used for shallow-water activities like swimming in a pool or ocean. Apple Watch Series 9 should not be used for scuba diving, waterskiing, or other activities involving high-velocity water or submersion below shallow depth. Water resistance is not a permanent condition and can diminish over time. For additional information see support.apple.com/en-us/HT205000.
13. Apple Watch Ultra has a water resistance rating of 100 meters under ISO standard 22810. It may be used for recreational scuba diving (with compatible third-party app from the App Store) to 40 meters and high-speed water sports. Apple Watch Ultra should not be used for diving below 40 meters. Water resistance is not a permanent condition and can diminish over time. For additional information see support.apple.com/HT205000.
14. Apple Watch Series 8 has a water resistance rating of 50 meters under ISO standard 22810:2010. This means that it may be used for shallow-water activities like swimming in a pool or ocean. However, Apple Watch Series 8 should not be used for scuba diving, waterskiing, or other activities involving high-velocity water or submersion below shallow depth. Water resistance is not a permanent condition and can diminish over time. For additional information see support.apple.com/en-us/HT205000.
15. Apple Watch Series 7 has a water resistance rating of 50 meters under ISO standard 22810:2010. This means that it may be used for shallow-water activities like swimming in a pool or ocean. However, it should not be used for scuba diving, waterskiing, or other activities involving high-velocity water or submersion below shallow depth. Series 7 is also rated IP6X dust resistant.
16. Apple Watch Series 6 has a water resistance rating of 50 meters under ISO standard 22810:2010. This means that it may be used for shallow-water activities like swimming in a pool or ocean. However, it should not be used for scuba diving, waterskiing, or other activities involving high-velocity water or submersion below shallow depth.
17. Apple Watch SE has a water resistance rating of 50 meters under ISO standard 22810:2010. This means that it may be used for shallow-water activities like swimming in a pool or ocean. However, it should not be used for scuba diving, waterskiing, or other activities involving high-velocity water or submersion below shallow depth.
18. Apple Watch Series 5 has a water resistance rating of 50 meters under ISO standard 22810:2010. This means that it may be used for shallow-water activities like swimming in a pool or ocean. However, it should not be used for scuba diving, waterskiing, or other activities involving high-velocity water or submersion below shallow depth.
19. Apple Watch Series 4 has a water resistance rating of 50 meters under ISO standard 22810:2010. This means that it may be used for shallow-water activities like swimming in a pool or ocean. However, it should not be used for scuba diving, waterskiing, or other activities involving high-velocity water or submersion below shallow depth.
20. Apple Watch Series 3 has a water resistance rating of 50 meters under ISO standard 22810:2010. This means that it may be used for shallow-water activities like swimming in a pool or ocean. However, it should not be used for scuba diving, waterskiing, or other activities involving high-velocity water or submersion below shallow depth.
21. Apple Watch Series 2 has a water resistance rating of 50 meters under ISO standard 22810:2010. This means that it may be used for shallow-water activities like swimming in a pool or ocean. It is also safe to wear it while showering or in a hot tub. However, Apple Watch Series 2 should not be used for scuba diving, waterskiing, or other activities involving high-velocity water or submersion below shallow depth.
22. Apple Watch Series 1 has a water resistance rating of IPX7 under IEC standard 60529. Apple Watch Series 1 is splash and water resistant, but submerging it is not recommended.
23. Wireless service plan required for cellular service. Contact your service provider for more details. Connection may vary based on network availability. Check apple.com/watch/cellular for participating wireless carriers and eligibility. See support.apple.com/HT207578 for additional setup instructions.
24. Requires an iPhone and Apple Watch with second-generation Ultra Wideband chip. Ultra Wideband availability varies by region.
25. All-day battery life is based on the following use: 90 time checks, 90 notifications, 45 minutes of app use, and a 60-minute workout with music playback from Apple Watch via Bluetooth, over the course of 18 hours; Apple Watch SE (2nd generation) (GPS) usage includes connection to iPhone via Bluetooth during the entire 18-hour test; Apple Watch Series 10 (GPS + Cellular) usage includes a total of 4 hours of LTE connection and 14 hours of connection to iPhone via Bluetooth over the course of 18 hours. Testing conducted by Apple in August 2022 using preproduction Apple Watch SE (2nd generation) (GPS) and Apple Watch SE (2nd generation) (GPS + Cellular), each paired with an iPhone; all devices tested with prerelease software. Battery life varies by use, configuration, cellular network, signal strength, and many other factors; actual results will vary.
26. All-day battery life is based on the following use: 300 time checks, 90 notifications, 15 minutes of app use, and a 60-minute workout with music playback from Apple Watch via Bluetooth, over the course of 18 hours; Apple Watch Series 10 (GPS) usage includes connection to iPhone via Bluetooth during the entire 18-hour test; Apple Watch Series 10 (GPS + Cellular) usage includes a total of 4 hours of LTE connection and 14 hours of connection to iPhone via Bluetooth over the course of 18 hours. Battery life in Low Power Mode is based on the following use: 600 time checks, 180 notifications, 30 minutes of app use, and a 60-minute workout with music playback from Apple Watch via Bluetooth, over the course of 36 hours; Apple Watch Series 10 (GPS) usage includes connection to iPhone via Bluetooth during the entire 36-hour test; Apple Watch Series 10 (GPS + Cellular) usage includes on-demand LTE connection and 28 hours of connection to iPhone via Bluetooth over the course of 36 hours. Testing conducted by Apple in August 2024 using preproduction Apple Watch Series 10 (GPS) and Apple Watch Series 10 (GPS + Cellular), each paired with an iPhone; all devices tested with prerelease software. Battery life varies by use, configuration, cellular network, signal strength, and many other factors; actual results will vary.
27. Multi-day battery life is based on the following use: 600 time checks, 180 notifications, 30 minutes of app use, and a 60-minute workout with music playback from Apple Watch via Bluetooth, over the course of 36 hours; Apple Watch Ultra 2 (GPS + Cellular) usage includes a total of 8 hours of LTE connection and 28 hours of connection to iPhone via Bluetooth over the course of 36 hours. Battery life in Low Power Mode is based on the following use: 1200 time checks, 360 notifications, 60 minutes of app use, and two 60-minute workouts with music playback from Apple Watch via Bluetooth, over the course of 72 hours; Apple Watch Ultra 2 (GPS + Cellular) usage includes on-demand LTE connection and 60 hours of connection to iPhone via Bluetooth over the course of 72 hours. Testing conducted by Apple in August 2024 using preproduction Apple Watch Ultra 2 (GPS + Cellular) paired with an iPhone; all devices tested with prerelease software. Battery life varies by use, configuration,

cellular network, signal strength, and many other factors; actual results will vary.

28. All-day battery life is based on the following use: 90 time checks, 90 notifications, 45 minutes of app use, and a 60-minute workout with music playback from Apple Watch via Bluetooth, over the course of 18 hours; Apple Watch Series 9 (GPS) usage includes connection to iPhone via Bluetooth during the entire 18-hour test; Apple Watch Series 9 (GPS + Cellular) usage includes a total of 4 hours of LTE connection and 14 hours of connection to iPhone via Bluetooth over the course of 18 hours. Battery life in Low Power Mode is based on the following use: 180 time checks, 180 notifications, 90 minutes of app use, and a 60-minute workout with music playback from Apple Watch via Bluetooth, over the course of 36 hours; Apple Watch Series 9 (GPS) usage includes connection to iPhone via Bluetooth during the entire 36-hour test; Apple Watch Series 9 (GPS + Cellular) usage includes on-demand LTE connection and 28 hours of connection to iPhone via Bluetooth over the course of 36 hours. Testing conducted by Apple in August 2023 using preproduction Apple Watch Series 9 (GPS) and Apple Watch Series 9 (GPS + Cellular), each paired with an iPhone; all devices tested with prerelease software. Battery life varies by use, configuration, cellular network, signal strength, and many other factors; actual results will vary.
29. All-day battery life is based on the following use: 180 time checks, 180 notifications, 90 minutes of app use, and a 60-minute workout with music playback from Apple Watch via Bluetooth, over the course of 36 hours; Apple Watch Ultra (GPS + Cellular) usage includes a total of 8 hours of LTE connection and 28 hours of connection to iPhone via Bluetooth over the course of 36 hours. Testing conducted by Apple in August 2022 using preproduction Apple Watch Ultra (GPS + Cellular) paired with an iPhone; all devices tested with prerelease software. Battery life varies by use, configuration, cellular network, signal strength, and many other factors; actual results will vary.
30. All-day battery life is based on the following use: 90 time checks, 90 notifications, 45 minutes of app use, and a 60-minute workout with music playback from Apple Watch via Bluetooth, over the course of 18 hours; Apple Watch Series 8 (GPS) usage includes connection to iPhone via Bluetooth during the entire 18-hour test; Apple Watch Series 8 (GPS + Cellular) usage includes a total of 4 hours of LTE connection and 14 hours of connection to iPhone via Bluetooth over the course of 18 hours. Testing conducted by Apple in August 2022 using preproduction Apple Watch Series 8 (GPS) and Apple Watch Series 8 (GPS + Cellular), each paired with an iPhone; all devices tested with prerelease software. Battery life varies by use, configuration, cellular network, signal strength, and many other factors; actual results will vary.
31. Apple Watch All-Day Battery Life testing was conducted by Apple in August 2021 using preproduction Apple Watch Series 7 (GPS) and Apple Watch Series 7 (GPS + Cellular), each paired with an iPhone; all devices were tested with prerelease software. Battery life varies by use, cellular coverage, configuration, and many other factors; actual results will vary.
32. Apple Watch All-Day Battery Life testing was conducted by Apple in August 2020 using preproduction Apple Watch Series 6 (GPS) and Apple Watch Series 6 (GPS + Cellular), each paired with an iPhone; all devices were tested with prerelease software. Battery life varies by use, cellular coverage, configuration, and many other factors; actual results will vary.
33. Apple Watch All-Day Battery Life testing was conducted by Apple in August 2020 using preproduction Apple Watch SE (GPS) and Apple Watch SE (GPS + Cellular), each paired with an iPhone; all devices were tested with prerelease software. Battery life varies by use, cellular coverage, configuration, and many other factors; actual results will vary.
34. Apple Watch All-Day Battery Life testing was conducted by Apple in August 2019 using preproduction Apple Watch Series 5 (GPS) and Apple Watch Series 5 (GPS + Cellular), each paired with an iPhone; all devices were tested with prerelease software. Battery life varies by use, cellular coverage, configuration, and many other factors; actual results will vary.
35. Apple Watch All-Day Battery Life testing was conducted by Apple in August 2018 using preproduction Apple Watch Series 4 (GPS) and Apple Watch Series 4 (GPS + Cellular), each paired with an iPhone; all devices were tested with prerelease software. Battery life varies by use, cellular coverage, configuration, and many other factors; actual results will vary.
36. Apple Watch All-Day Battery Life testing was conducted by Apple in August 2018 using shipping Apple Watch Series 3 (GPS) each paired with an iPhone; all devices were tested with prerelease software. Battery life varies by use, cellular coverage, configuration, and many other factors; actual results will vary.
37. Apple Watch battery testing was conducted by Apple in August 2016 using preproduction Apple Watch Series 1, Apple Watch Series 2, and Apple Watch Edition, each paired with an iPhone; all devices were tested with prerelease software. Battery life varies by use, configuration, and many other factors; actual results will vary.
38. Charge times are from 0–80% and 0–100% using the included Apple Watch Magnetic Fast Charger to USB-C Cable. Testing conducted by Apple in August 2024 using preproduction Apple Watch Series 10 (GPS) and Apple Watch Series 10 (GPS + Cellular), each paired with an iPhone; all devices tested with prerelease software, Apple Watch Magnetic Fast Charger to USB-C Cable (Model A2515), and Apple 20W USB-C Power Adapter (Model A2305). Fast-charge testing conducted with drained Apple Watch units. Times measured from the appearance of the Apple logo as the unit started up. Charge time varies with region, settings, and environmental factors; actual results will vary.
39. Charge times are from 0–80% and 0–100% using the included Apple Watch Magnetic Fast Charger to USB-C Cable. Testing conducted by Apple in August 2023 using preproduction Apple Watch Ultra 2 (GPS + Cellular) paired with an iPhone; all devices tested with prerelease software, Apple Watch Magnetic Fast Charger to USB-C Cable (Model A2515), and Apple 20W USB-C Power Adapter (Model A2305). Charge time varies with region, settings, and environmental factors; actual results will vary.
40. Charge times are from 0–80% and 0–100% using the included Apple Watch Magnetic Fast Charging USB-C Cable. Testing conducted by Apple in August 2023 using preproduction Apple Watch Series 9 (GPS) and Apple Watch Series 9 (GPS + Cellular), each paired with an iPhone; all devices tested with prerelease software, Apple Watch Magnetic Fast Charging USB-C Cable (Model A2515), and Apple 20W USB-C Power Adapter (Model A2305). Charge time varies with region, settings, and environmental factors; actual results will vary.
41. Charge times are from 0–80% and 0–100% using the included Apple Watch Magnetic Fast Charging USB-C Cable. Testing conducted by Apple in August 2022 using preproduction Apple Watch Ultra (GPS + Cellular) paired with an iPhone; all devices tested with prerelease software, Apple Watch Magnetic Fast Charging USB-C Cable (Model A2515), and Apple 20W USB-C Power Adapter (Model A2305). Charge time varies with region, settings, and environmental factors; actual results will vary.
42. Charge times are from 0–80% and 0–100% using the included Apple Watch Magnetic Fast Charging USB-C Cable. Testing conducted by Apple in August 2022 using preproduction Apple Watch Series 8 (GPS) and Apple Watch Series 8 (GPS + Cellular), each paired with an iPhone; all devices tested with prerelease software, Apple Watch Magnetic Fast Charging USB-C Cable (Model A2515), and Apple 20W USB-C Power Adapter (Model A2305). Charge time varies with region, settings, and environmental factors; actual results will vary.
43. Testing conducted by Apple in August 2021 using preproduction Apple Watch Series 7 (GPS) and Apple Watch Series 7 (GPS + Cellular) with Apple Watch Magnetic Fast Charging USB-C Cable (Model A2515) and Apple 20W USB-C Power Adapter (Model A2305), as well as Apple Watch Series 6 (GPS) and Apple Watch Series 6 (GPS + Cellular) with Apple Watch Magnetic Charging Cable (Models A2255 and A2256) and Apple 5W USB Power Adapter (Model A1385); each Apple Watch paired with an iPhone, all devices tested with prerelease software. Charge time varies with region, settings, and environmental factors; actual results will vary.
44. Ultra Wideband availability varies by region.
45. Not all features will be available if the Apple Watch is set up through Apple Watch For Your Kids. Wireless service plan required for cellular service. Contact your service provider for more details. Check apple.com/watch/cellular for participating wireless carriers and eligibility.
46. Offline Maps is available for Apple Watch Series 6 and later, Apple Watch SE (2nd generation), and all Apple Watch Ultra models running watchOS 11 or later. Requires iPhone Xs or later running iOS 18 or later. Not available in all countries and regions.
47. International roaming coverage is determined by your carrier. Please check with your carrier for details. For a list of supported carriers, see apple.com/watch/cellular.
48. Fast charging is compatible with Apple Watch Series 7 or later, including all Ultra models. It is not compatible with any Apple Watch SE model.
49. Apple Watch Series 10 is rated IP6X dust resistant.
50. Apple Watch Ultra 2 is rated IP6X dust resistant.

51. Apple Watch Series 9 is rated IP6X dust resistant.
52. Apple Watch Ultra is rated IP6X dust resistant.
53. Apple Watch Series 8 is rated IP6X dust resistant.
54. Data accurate as of product launch.
55. Learn more at [apple.com/2030](#).
56. Meets California Energy Commission's Energy Efficiency Standards for Small Battery Charger Systems as outlined in the [California Code of Regulations](#).
57. 100% of virgin wood fiber comes from responsibly managed forests and 90% or more of the packaging is fiber-based.
58. Apple defines its restrictions on harmful substances, including definitions for what Apple considers to be "free of," in the Apple Regulated Substances Specification. Every Apple product is free of PVC and phthalates with the exception of AC power cords in India, Thailand (for 2-prong AC power cords), and South Korea where we continue to seek government approval for our PVC and phthalates replacement.
59. Apple Trade In is our trade-in and recycling program that's good for you and the planet. If your trade-in device is eligible for credit, you can offset the purchase price of a new one. If it's not eligible for credit, you can recycle it for free. Trade-in values vary based on the condition, year, and configuration of your trade-in device, and may also vary between online and in-store trade-in. You must be at least 18 years old. Apple or its trade-in partners reserve the right to refuse or limit any trade-in transaction for any reason. In-store trade-in requires presentation of a valid, government-issued photo ID (local law may require saving this information). Additional terms from Apple or Apple's trade-in partners may apply.
- The ability to measure blood oxygen is no longer available on Apple Watch units sold by Apple in the United States beginning January 18, 2024. These are indicated with part numbers ending in LW/A. [Learn how to identify your Apple Watch](#).
- Apple Watch Ultra 2, Apple Watch Series 10, and Apple Watch SE require iPhone Xs or later with iOS 18 or later.
- Features are subject to change. Some features, applications, and services may not be available in all regions or all languages. [View complete list](#).
- Bands are subject to availability.
- Apple Pay is a service provided by Apple Payments Services LLC, a subsidiary of Apple Inc. Neither Apple Inc. nor Apple Payments Services LLC is a bank. Any card used in Apple Pay is offered by the card issuer.

Watch Compare				
Shop and Learn	Account	Apple Store	For Business	Apple Values
Store	Manage Your Apple Account	Find a Store	Apple and Business	Accessibility
Mac	Apple Store Account	Genius Bar	Shop for Business	Education
iPad	iCloud.com	Today at Apple	For Education	Environment
iPhone	Entertainment	Group Reservations		Inclusion and Diversity
Watch		Apple Camp		Privacy
Vision		Apple Store App	Shop for K-12	Racial Equity and Justice
AirPods	Apple TV+	Certified Refurbished	Shop for College	Supply Chain Innovation
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