

cubenest

User manual

Cubenest 3in1 Qi2.2 Foldable Wireless Magnetic Charger SQ312 Ultra



Package Contents:

- 1x 3in1 Foldable Wireless Magnetic Charger
- 1x 45 W PD power adapter
- 1x USB-C to USB-C cable (1m)
- 1x Travel Case
- 1x User Manual



1. Device Description

The Cubenest SQ312 Ultra 3in1 Qi2.2 Foldable Wireless Magnetic Charger is designed for iPhone, Apple Watch and AirPods. It supports Qi2.2 and MagSafe technology, providing fast and safe charging of the iPhone with up to 25W and simultaneous charging of the Apple Watch and AirPods with up to 5W. The foldable design and travel case make it ideal for use at home and on the go. The charger is made of brushed aluminum and features a sleek minimalist design. It supports the Qi standard, making it compatible with other devices.

Product Specifications:



- **Protection:** surge, short circuit, thermal and current.
- **Model:** SQ312 Ultra Grey
- **Input:** USB-C (we recommend an adapter with a **minimum of 45W**)
- **Output Power:**
 - iPhone: up to **25W** (*25W charging speed works for devices supporting the Qi2.2 wireless charging standard.)
 - Apple Watch: up to **5 W**
 - AirPods: up to **5 W**
- **Design:** foldable, adjustable position
- **Material:** high quality aluminum



- **Compatibility**

Magnetic Charging Holder: iPhone 12 Pro Max, iPhone 12 Pro, iPhone 12, iPhone 12 mini, iPhone 13 Pro Max, iPhone 13 Pro, iPhone 13, iPhone 13 mini, iPhone 14 Pro Max, iPhone 14 Pro, iPhone 14 Plus, iPhone 14, iPhone 15 Pro Max, iPhone 15 Pro, iPhone 15 Plus, iPhone 15, iPhone 16 Pro Max, iPhone 16 Pro, iPhone 16 Plus, iPhone 16, iPhone 17 Pro Max, iPhone 17 Pro, iPhone 17 Air, iPhone 17, Google Pixel 10, Google Pixel 10 Pro, Google Pixel 10 Pro XL, Google Pixel 10 Pro Fold

Wireless charging pad: 2nd generation AirPods, 3rd generation AirPods, 4th generation AirPods, AirPods Pro, 2nd generation AirPods Pro, 3rd generation AirPods Pro and other Qi charging-enabled devices

Apple Watch charger: compatible with Apple Watch 11/Ultra 3/SE 3/10/Ultra 2/9/Ultra/8/7/6/5/4/3/2/1/SE 2/SE

2. Instructions for use

Step 1: Setting the position

One of the main advantages of this charger is its **foldable design**, which allows you to customize it to your own needs.



The **magnetic grip** and clever folding design make it quick, convenient and stylish to use.

Step 2: Connect the charger to the power supply

1. Plug the **USB-C cable** into the charger port.
2. Plug the other end of the cable into a power adapter (we recommend an adapter with a **minimum of 45W**).
3. Plug the adapter into an electrical outlet.
4. Once connected, the white **LED indicator** on the back of the charger will light up and go off after five seconds.



Step 3: Charging the device

1. iPhone with MagSafe:

Place your iPhone on the **main top charging surface**. The magnets automatically align the phone into position. Once the device is connected, the white **LED indicator** on the back of the charger lights up, and goes off after five seconds.



Note: If you use a cover, make sure it is **Magsafe compatible**.



2. Apple Watch:

Fold out the middle charging surface and place your watch on top of it. Once attached, a green flash lights up on the watch display to indicate that charging has begun.



3. AirPods (with wireless charging support):

Place the case on the bottom of the charger. The LED indicator on the case will turn red.



3. Safety instructions

- ⚠ **DO NOT use an** uncertified or damaged USB cable for charging.
- ⚠ **DO NOT use** this product.
- ⚠ **DO NOT use the** wireless charger outdoors or in wet areas.
- ⚠ **DO NOT place** any metal tags or objects on the wireless charger.
- ⚠ **DO NOT place** the charger near a heated surface.
- ⚠ **USE** only certified power adapters with a minimum of **45W**. ⚠ **AVOID** contact with water.
- ⚠ Use a dry cloth or brush to clean this product.

*Use at room temperature.

- The charger is equipped with **FOD (Foreign Object Detection)** function. If a metal foreign object is detected on the charging surface, the charging process will be interrupted.
- Remove any metal objects from the back of the phone before charging.



- **Note:** Do not place any metal objects or credit cards on the charging surface to avoid damaging the device or demagnetizing it.



Maintenance:

- Clean the charger with a soft, dry cloth.
- Do not use harsh chemicals or abrasive materials.

4. Frequently Asked Questions (FAQ)

? Is the charger compatible with Android phones?

✓ Yes, the charger supports **Qi** wireless charging, so it is compatible with most modern Android phones. However, a **Magsafe compatible** cover is required for magnetic attachment.

? What is the difference between Qi 2.2 and Qi 2?

✓ Qi 2.2 is a new version of the Qi 2 standard that lets you charge your device up to 25W, compared to up to 15W with the previous version. Full power of up to 25W is possible for devices that support the Qi2.2 standard. Compared to Qi2, Qi2.2 again has better heat management, less heat loss and more precise magnetic alignment.

? Which power adapter should I use?

✓ We recommend using a USB-C adapter with a **minimum of 45 W**. If you use an adapter with a lower wattage, charging may be slower or multiple devices may not charge simultaneously.

? Can I charge my iPhone with a protective case?

✓ Yes, as long as the case supports **MagSafe**. Thick, metal or magnetic cases can block or interfere with the charging process. We recommend using **MagSafe compatible** cases for optimal performance.

? Does the charger support Apple Watch fast charging?

✓ The charger can charge all Apple Watch models. And if you have a **newer** watch-like **Apple Watch 7, 8, 9, 10, 11 or Apple Watch Ultra/Ultra 2/ Ultra 3**-it charges even faster because it supports **fast charging**.

? Is it safe to leave the charger plugged in all day?

✓ Yes, but it's recommended to unplug the charger if you're not using it for an extended period of time. This helps to reduce power consumption.

? What should I do if the charger doesn't work?

✓ Check the power connection, use the recommended adapter and make sure the device is correctly positioned. Try a different USB-C cable and a different adapter.

? Is it okay if the charger gets hot while charging?

✓ Slight heating is a normal occurrence when charging wirelessly. However, if the charger is too hot, it may be caused by:

- Using a non-original or weak power adapter
- An obstruction between the phone and the charging surface (for example, a case made of thicker material)
- Placing the charger on a soft surface that prevents heat dissipation

? Can the charger damage my device's battery?

✓ No, the charger is equipped with safety features to prevent overcharging and overheating. If you use a certified power adapter and place the device on the charging surface correctly, the battery cannot be damaged.

? How fast will the charger charge my iPhone 16 ?

✓ With 25W of power, the charger will charge phones like the iPhone 16 and iPhone 17 from 0% to 50% in about 25 minutes using iOS 26 or later. (Based on internal tests. Wireless technology

Qi2.2 25W will charge an iPhone 16 series or later from 0 to 50% in 25 minutes using iOS 26 or later. Charging time varies depending on ambient conditions; actual results may vary.)

? Will the Qi2.2 charger charge at 25W all devices supporting the Qi standard?

✓ No. At 25W, the SQ312 Ultra will charge devices that support Qi 2.2.

5. Troubleshooting common problems

1. Devices not charging

Device does not support Qi charging

- **Explanation:** some (older) Android phones or handsets do not support wireless charging.
- **Solution:** check the specification to see **if the device supports Qi technology**. Without this, wireless charging does not work.

Incorrect placement on the charger

- **Explanation:** the coils of the phone and the charger must overlap. For Androids (without MagSafe), precise positioning is required.
- **Solution:** place the device **in the middle of** the charging surface. For AirPods, make sure the case is correctly aligned.

Metal or other accessories

- **Explanation:** metal elements in the cover (e.g. magnetic ring) can block charging.
- **Solution:** remove all interfering objects and repeat the charging procedure.

Weak or faulty power adapter

- **Explanation:** without sufficient power (**min. 45 W**), the charger may not activate properly.
- **Solution:** use a good quality **USB-C PD adapter (min. 45W)** and verify functionality with another cable.

2. Charging is slow

- **Solution:**
 - The adapter used may have insufficient power - we recommend a **minimum of 45W**.
 - Make sure there are no obstacles or objects between your phone and the charging surface.
 - Use a different USB-C cable.
 - Make sure your device supports the Qi 2 or Qi 2.2 standard. After the latest update to iOS 26, chargers with the basic Qi charging standard with up to 15 watts of power may indicate slow charging on your phone.

3. Apple Watch does not charge

Apple Watch does not align properly with the charging surface

- **Explanation:** the charger has a dedicated section for Apple Watch. If they are not properly aligned, charging will not start.
- **Solution:**
 - Make sure the Apple Watch is accurately placed on the magnetic surface for the watch.
 - The watch should attach with a magnet and a charging icon (green flash) should appear on the display.

Using an unsuitable power supply

- **Explanation:** if a weak or uncertified adapter (e.g. 5 W) is used, the charger may not have enough power to charge all devices simultaneously.
- **Solution:**
 - Use a **power adapter with at least 45 W of power** (ideally a genuine or high-quality USB-C PD adapter).

The barrier between the charger and the watch

- **Explanation:** metal or thick plastic covers on Apple Watch or protective films may prevent contact with the coil.
- **Solution:**
 - Try charging the watch without any case or cover.
 - Clean the back of the watch and the surface of the charger.

4. The charger is blinking or unresponsive

Weak or poor quality power adapter

- **Explanation:** the charger needs a stable input power (at least **45 W**). If you have a weaker adapter (e.g. 5 W or an old USB adapter), the charger may not work properly - it may blink, not start or intermittently.
- **Solution:**
 - Use a **USB-C PD adapter with a minimum of 45 W**.
 - Try a different USB-C cable, ideally a genuine or high quality one.

Poor alignment or unstable contact

- **Explanation:** if the device is not well positioned (especially an iPhone with MagSafe off-center), charging may not start.
- **Solution:**
 - Align the phone exactly in the center of the charging zone.
 - For AirPods: make sure the box is closed and with the coil properly aligned.

5. The phone charges, but the AirPods do not

- **Solution:**
 - Verify that the AirPods have a case that supports wireless charging.

6. The charger beeps or makes noises when charging

Normal phenomenon - coils and high-pitched sound

- **Explanation:** if the sound is very quiet and does not affect function, this is considered a **normal operating phenomenon**. Wireless chargers use **induction coils** that may make a **high frequency sound** - a whistling or soft clicking sound - when operating. This phenomenon may be amplified when:

- Multiple devices are charging simultaneously (e.g. iPhone, Apple Watch and AirPods).
- The phone is not aligned properly.
- An inferior or weak power adapter is used.
- **Solution:**
 - Make sure all devices are properly positioned.
 - Use the recommended 45W+ adapter.
 - If the sound is very quiet and does not affect function, this is considered a **normal operating phenomenon**.

7. Magnetic attachment not working properly

Check if the phone supports MagSafe

- Magnetic attachment only works with **iPhones with MagSafe technology** (iPhone 12 and later).
- Android phones do not include MagSafe magnets and therefore do not automatically attach to the charger.

Remove or replace the phone case

- Some covers **prevent attachment** or weaken the magnetic force.
- Use a **MagSafe compatible cover** or a cover with an integrated magnetic ring.

Clean the surface of the charger and phone

- Dust, grease, or minor dirt can impair contact.
- Clean the surfaces **with a soft cloth** (without aggressive cleaning agents).

Check the correct position of the device

- The phone must be positioned **straight and centered** - off-center magnets do not work properly.
- If the phone slides, make sure the charger is not on a **slippery or tilted surface**.

Try another MagSafe phone (if available)

- If another compatible phone snaps in correctly, the problem may be with the packaging or the specific device.

8. Phone overheats while charging

Wireless charging always generates more heat than charging with a cable

- **Explanation:** with wireless (inductive) charging, **some energy is lost in the form of heat**. This is a common phenomenon, but the excess heat should not be extreme. Excessive heating can:
 - slow down charging
 - damage the battery in the long term
- **Solution:**
 - **Remove the cover** from the phone if it is thick or contains metal (e.g. MagSafe holder, metal ring, etc.).
 - Charge only on a **firm, level and well-ventilated surface**. Do not use the charger on **soft or leaky materials**.
 - Avoid charging in direct sunlight or hot environments.

Phone is not properly aligned

- **Explanation:** poor coil alignment can reduce transmission efficiency and increase **heat loss**.
- **Solution:**
 - Make sure the phone snaps into place - **on iPhones with MagSafe**, alignment is easy, but on Androids it can be more delicate.


Faulty battery or software problem


- **Explanation:** if your phone is overheating even with wired charging, the battery or an app running in the background may be to blame.
- **Solution:**
 - Test charging in another way (cable).
 - Restart the phone and check the battery consumption in the settings.

9. Charger does not work with some Android phones

- **Solution:**
 - Make sure your Android phone supports Qi wireless charging.
 - Align your phone properly on the charging surface.
 - Remove the phone's cover (some covers, especially thick ones with metal or magnets, block charging).
 - Check if the problem is with the phone or the charger. If another phone is charging without problems, the problem is probably with the device (or its settings).

Technical support

 **Email:** info@cubenest.eu

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Warranty and Claims

- This product is covered by a 24-month warranty.
- In the event of a defect, please complete our [warranty claim form](#).

