

EzyCrop

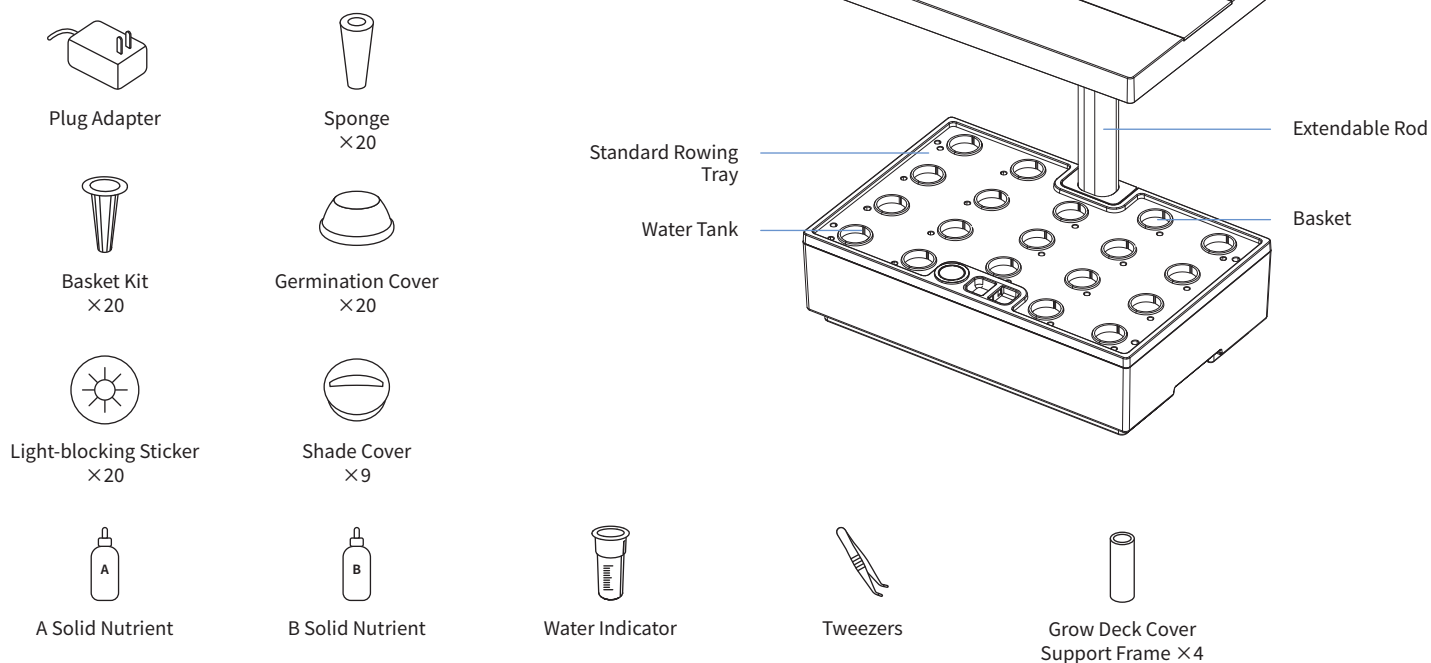


EZYCROP

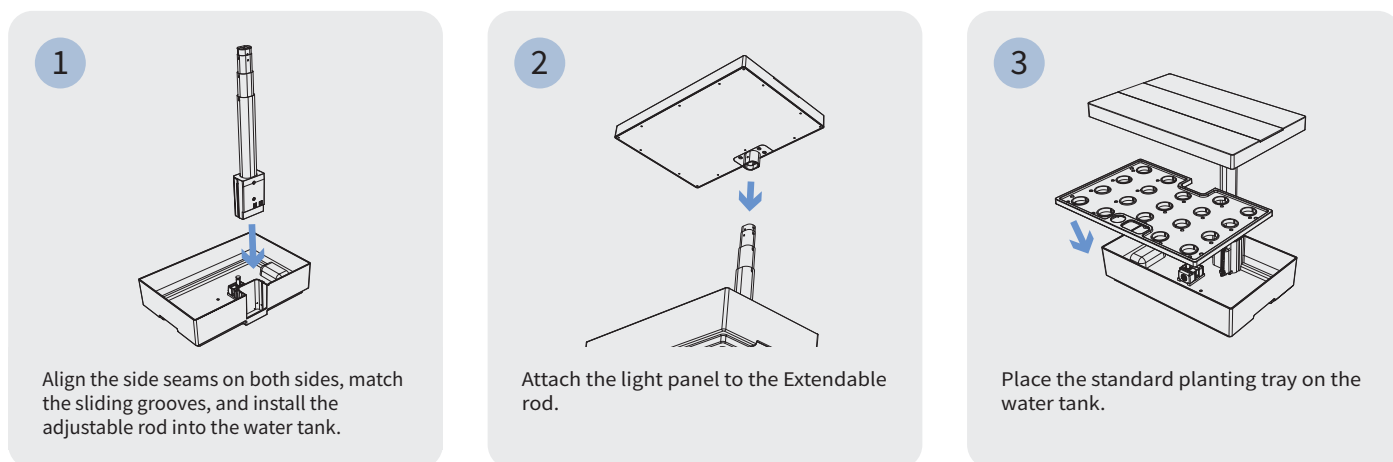
Hydroponics Growing System

HG19-BW

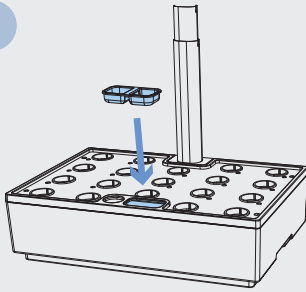
01 Included In Package



02 Easy Set Up

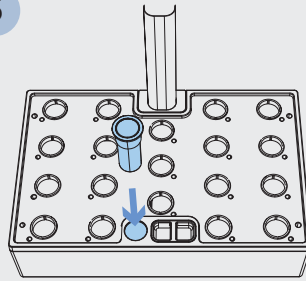


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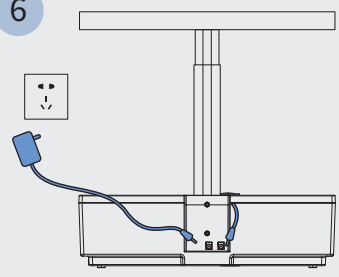
Snap the water cover into place.

5



Remove the components from inside the water tank and install the water level float as shown in the picture.

6



Insert the water pump's power cord into the DC jack on the back of the water tank, then connect the power adapter.

03 Device User Guide (App)

You can control this device using the EzyCrop app or the buttons on the display screen. We recommend using the app for easier operation. To use the device without the app, skip to Step 06.



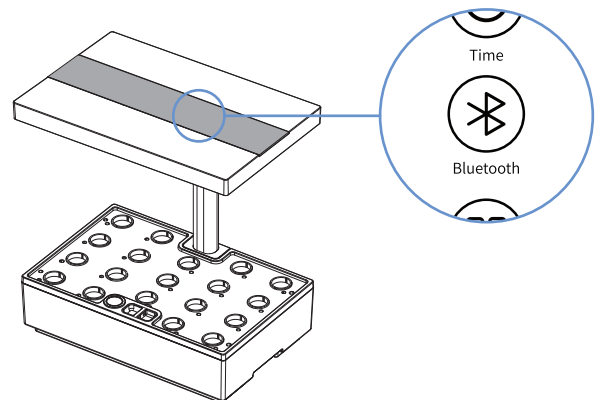
- You can scan this QR code or directly search EZYCROP on Apple store or Google play to download the App.
- Open the EZYCROP App and follow the guidelines below to setup the network.

If the App Store requests mobile phone authorization, it is because the App includes a free plant diary feature that requires photo access. This authorization is used solely for the App's functionality.

- Long press Bluetooth button for 3 seconds, and pair with the App after the beep.

Wi-Fi indicator solid on: **Connection established.**

Wi-Fi indicator flashing (wave pattern): **Connection failed / Not connected.**



04 Setup the Network



1 Device Dashboard

On the home screen, tap “Devices” at the bottom.



2 Add Device

Tap the “+” icon to start searching for nearby devices.



3 Select Your Device

Choose HG19-BW from the list to start pairing. Please keep your phone close to the device.



4 Connect to Wi-Fi

Select a Wi-Fi network to connect your device, and enter your Wi-Fi password.



5 Get Started

Tap device to open the control page.

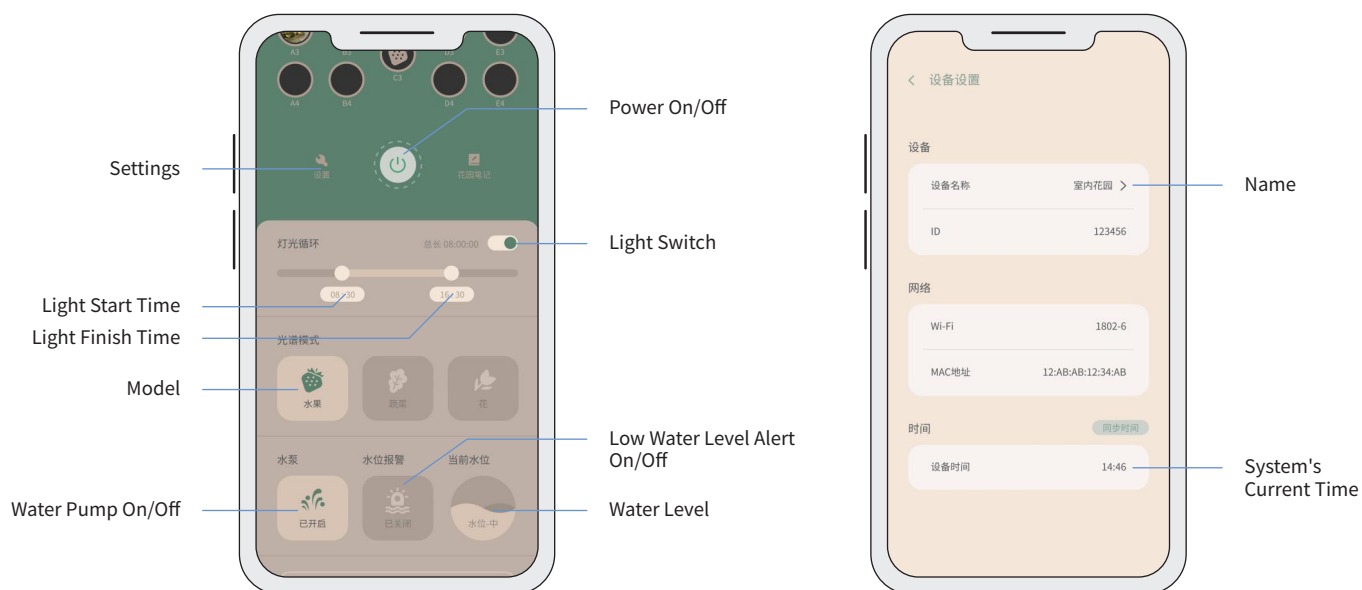
If you are unable to successfully connect to the Wi-Fi, please check the following:

A. Ensure that you have entered the correct Wi-Fi password. Double-check that the password in the input field is accurate, including letter case and length.

B. Contact your router service provider to check if your network combines both 5GHz and 2.4GHz frequencies. If it does, ask them to split your Wi-Fi into two separate SSIDs with different passwords. This will ensure that the device connects to the 2.4GHz Wi-Fi.

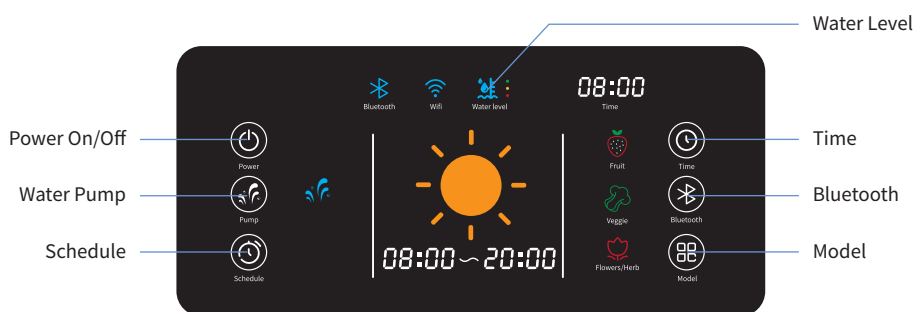


05 Control with the App



06 Device User Guide (Touch Panel)

(On the top of the light panel)



Power On/Off

Upon successful connection, the device will emit a beep. Press the 'Power' button to turn on the LED light. It will automatically switch to 'Fruits' mode for the first use. For subsequent uses, it will resume the last selected mode.



Schedule

Set a personalized 24-hour cycle for your indoor garden. Simply program the desired operating hours for the light and water pump. The device will automatically follow your schedule, turning on and off at the exact times you set to maintain an optimal growing environment.



Water Pump

The water pump icon stays lit when paused, and flashes when the pump is running.



Time

Set the system's current time to ensure your scheduled lighting and watering cycles run accurately. Adjust the hours and minutes to match your local time.



Bluetooth

Enable Bluetooth on your phone and connect to the device through the App. This allows you to control all features and receive real-time updates directly from your mobile device. You can also capture photos of your plants' growth and share them with the community to exchange tips and inspiration.



Water Level

Low Water Level Alert: Triggers an alert when water is running low to remind you to refill.
High Water Level Display: Shows the current high water level for easy monitoring.



Model

Flowers, Herbs & Seed Breeding Mode: Ideal for the blooming stage, growing herbs, and seed propagation.
Vegetables Mode: Suitable for the seedling stage of plants and the full growth cycle of leafy greens.
Fruits Mode: Designed for the fruiting stage.

07 How to Plant

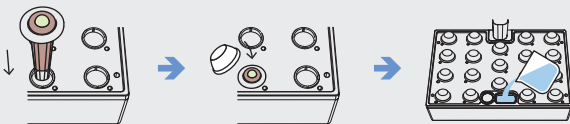
- 1 For large seeds like lettuce, basil, and tomato, soak them in water for 6-12 hours prior to planting. Use tweezers to place them onto soaked sponges.



For small seeds like mint, petunia, and dianthus, use tweezers to place them directly onto soaked sponges. Lightly mist the seeds to keep them moist.



- 2 Insert the seed pod into the planting opening, attach the grow dome, and fill with water up to the 3L (Max) mark.

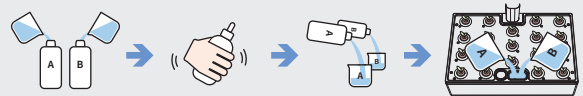


- 3 Tap the power button on the app to start the device. Select 'Vegetables Mode' during germination and sprouting, or switch to 'Flowers / Fruits Mode' for blooming and fruiting. If you are growing herbs, simply select 'Herbs Mode'.

You can also set these modes directly through the touch panel.

- 4 The grow dome should be removed after seed germination.

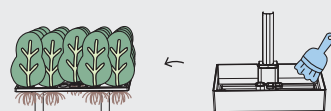
After the seeds begin to sprout, add Plant Food A & B as needed to support plant growth. Prepare the stock solutions by adding 100ml of purified water to the Fertilizer A and B bottles. When adding nutrients to the system, the recommended ratio is 15ml of Nutrient A and 15ml of Nutrient B per 3L of water.



- 5 The height of the light panel should be adjusted periodically to accommodate plant growth.



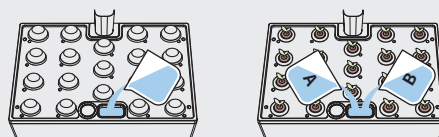
- 6 When cleaning the water tank, if plants are already growing in the grow deck, remove the grow deck from the unit and place it on the support frames. This keeps the grow deck elevated and helps prevent damage to the plant roots.



- 6 If the water level drops below 3L, please add water and nutrients again. Refer to the proportion sheet for the correct mixing ratio.
- You can accurately check the current water level by observing the position of the float indicator.

Nutrient Ratio Chart

Add Water	Nutrient
1L	5ml A + 5ml B
2L	10ml A + 10ml B
3L	15ml A + 15ml B



08 Share Your Growing Results

On the app home page, Tap the “+” icon to upload photos and your story.



Share your planting photos and progress in the community, and connect with fellow growers to exchange tips and inspiration.



Swap tips with fellow indoor farmers.

It's not just a hobby; it's a movement.

FAQS

Q Why are only a few plants growing, or why are they wilting quickly?

A Seed-Related Questions: Seed quality plays an important role in plant growth. For best results, we recommend using seeds from reputable brands that are suitable for hydroponic growing systems and appropriate for your indoor temperature conditions.

Planting & Operation Questions: If you are using manual mode, make sure the plant food is mixed with water at the correct ratio. Avoid using too much plant food, as an overly concentrated solution may affect plant growth. Also, keep the LED grow light approximately 4 inches above the plants.

Q Can I transplant sponge-grown plants into other pots or my garden?

A Yes. Once the plant has developed strong roots, and you can see white roots extending from the grow sponge, you may transplant it into another pot or your garden. Our grow sponges are made from biodegradable bio-carbon materials that are designed to gradually break down in soil over time. For best results, we recommend transplanting the plant together with the grow sponge to help improve the survival rate.

Q Why does mold or algae grow on the sponges, and how can it be prevented or treated?

A Mold or algae growth is often affected by water quality, air humidity, and seed quality. To help reduce the risk of mold or algae, we recommend choosing seeds carefully:

- A.** Check the expiration date or shelf life before purchasing seeds.
- B.** Avoid using seeds that appear white or green. For best results, choose high-quality seeds with darker colors, such as gray, brown, or black.
- C.** Check the surface of the seeds. Good-quality seeds usually have a smooth, firm surface and a slight natural shine.
- D.** Look at the shape of the seeds. Well-formed, symmetrical seeds are usually better for planting. Deformed or uneven seeds may indicate poor quality or immaturity.
- E.** Purchase seeds from reliable brands or trusted distributors.

To help prevent and treat mold or algae buildup, follow these steps:

A. Fully drain and rinse the water tank. Discard any grow sponges or plants that have come into contact with mold or algae. Clean any used grow baskets and covers, and keep all accessories in the system clean.

B. During the planting and seedling stages, cover the grow sponge and the top of the white grow basket with the included seed pod stickers. Use blackout covers on any unused pods to help block light from entering the water tank, as light exposure can encourage mold and green algae growth.

Q Can the grow sponges be reused?

A We do not recommend reusing the grow sponges, as they may not work as effectively after the first use. Reusing sponges from previous plants may also introduce bacteria or increase the risk of plant disease.

The white grow baskets and blackout covers can be reused after thorough cleaning.

To support a more sustainable growing experience, we offer affordable grow sponge refill packs at a discounted price in the same store where you purchased your device.

Q Why is my water pump not working properly?

A The water level may be too low. Please check the water level and add water if needed. If the problem persists, please contact our customer service team for assistance.

Q My water pump has weak water flow.

A This may be caused by plant root debris or mineral buildup blocking the pump. Please clean the water tank and pump area. If the problem persists, contact our customer service team for assistance.

Q How often should I clean the water tank?

A We recommend cleaning the water tank after each growing cycle. This helps remove plant debris, mineral buildup, and any residue left in the tank.

Q Will my settings be saved if the device loses power?

A Yes. Your settings will be saved automatically and will remain after the device is powered off or after a power outage.

Customer Support



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Download App

FCC Caution.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

*RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body

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