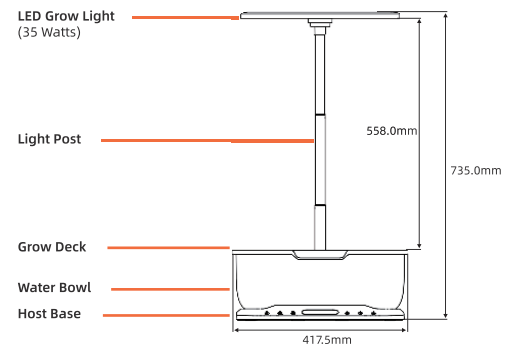


## SPECIFICATIONS



|                     |   |
|---------------------|---|
| Product Name        | Hydroponics Growing System                |
| Model               | SF-SmartG12                               |
| Spectrum            | 650-660nm,460-465nm,2800-3200K,4800-5000K |
| LED Quantity        | 106cps                                    |
| LED Power           | 35W                                       |
| Pump Power          | 2W  |
| Power Adapter       | Input: 100-240V output: DC12V 4A          |
| Control Mode        | Touch Button Control                      |
| Timing Mode         | 0-24H                                     |
| Dimming Mode        | 1%-100%                                   |
| Planting Space      | 12  |
| Water Bowl Capacity | 6000ML                                    |
| Expansion link size | 280-700MM                                 |
| Product Size        | 417.5*256*734MM                           |
| Package Size        | 450*290*228MM                             |
| Gross Weight        | 3.3KG                                     |
| Working Environment | -20-35 C                                  |
| Lifespan            | 50,000Hours                               |

## PACKAGE INCLUDES



## WATER/NUTRIENT PROPORTION

| Water | Seeding Nutrient | Veg Nutrient | Flower Nutrient |
|-------|------------------|--------------|-----------------|
| 1L    | 2mlA+2mlB        | 3mlA+3mlB    | 5mlA+5mlB       |
| 2L    | 4mlA+4mlB        | 6mlA+6mlB    | 10mlA+10mlB     |
| 3L    | 6mlA+6mlB        | 9mlA+9mlB    | 15mlA+15mlB     |
| 4L    | 8mlA+8mlB        | 12mlA+12mlB  | 20mlA+20mlB     |
| 5L    | 10mlA+10mlB      | 15mlA+15mlB  | 25mlA+25mlB     |
| 6L    | 12mlA+12mlB      | 18mlA+18mlB  | 30mlA+30mlB     |

## INSTALLATION

### Installation-4 Fast & Easy Steps

1. Take out the water bowl and close the grow deck, put the water injection cover on the water injection port, and then put the water bowl on the base.



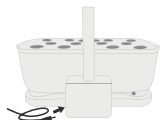
2. Insert the larger end of the light post into the connecting part of the light post of the host.



3. Attach the grow light to the top of the light post.



4. Plug the power cord into an electrical outlet. Touch the "Power" button and follow the on-screen instructions.



## INSTALLATION

### Display Functionality

It allows us to know the device's status and information through the screen display.



### Button Control

- POWER**: Long press for 3 seconds to turn on/off the device. After the device has been successfully turned on, a beep sound will be heard and the indicator will flash red.
- LIGHT**: The "LIGHT" button is used to turn on/off the light.
- BACK**: Go back or return to the previous screen or menu.
- LEFT**: Navigate through various options or files on the screen.
- ENTER**: Select the desired option, and touch the "ENTER" button to confirm your option.

### Note:

- The default setting of water pump is with a 15-minute on and 30-minute off cycle. You can set the cycle time as needed.
- There are six available growing modes to choose from, including five preset growing modes, and the option to customize your own growing mode.
- The device is equipped with a power-off memory function.

## HOW TO USE

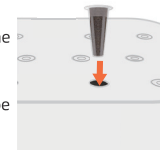
### 1. Add 6000ML Water and Nutrients mixture

- Use room temperature tap water or bottled distilled water. For best results, keep the water level at or near the fill line at all times.
- Pour the granules of A and B into plastic bottles respectively. Then add water and shake well. Follow the table on the bottle to add the nutrient in the correct proportions.
- Do not overfeed. Too much nutrient may be harmful to your plants.



### 2. Add Seed Pods & Grow Domes

- Insert seed pods into the openings inside the grow deck.
- Soak the sponges for 3 minutes and place them into the seed pods, then, insert the seeds.
- Place a grow dome over each of the seed baskets.
- After the seeds germinate the grow domes may be reused/ recycled.

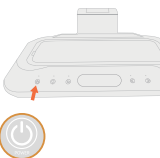


### Tips:

Squeeze the sponge to stop it from absorbing too much water. Cut a small slit above the sponge, or lightly press the sponge to loosen it. This will help the seedlings take root and avoid long legs. Growers can also put the seeds in a damp cotton cloth or towel and wait for the seeds to sprout.

### 3. Plug In

- Plug power cord into electrical outlet and press the "Power" button.
- Turn the device on, select the growing mode.
- Finally, start your growing journey!



Spider Farmer

# USER MANUAL

## SF-SmartG12

Always grow, always fresh.



# WHY CHOOSE SPIDER FARMER?

## Shipping:

- A. Global Delivery Available: We deliver worldwide
- B. Multiple Warehouses: with warehouses in the USA, CA, AU, UK, EU, we can offer fast delivery within 24 hours

## Customer Service :

- A. Local Repair Centers: We have repair centers in the USA, CA, AU, UK, EU for your convenience
- B. 2-Year Warranty
- C. Dedicated Customer Service: our friendly and professional customer service department is always ready to assist you

## Support:

Professional Technical Support: We have a team of experts available to assist you with any technical issues

## Bulk Price Discounts

Discounts for Large Orders: The more you order, the cheaper the price

## APP OPERATIONS

### Connecting to the App

Long press for 3 seconds to turn on the Smart G12 before connecting.

1. Download the "Spider Farmer" APP from the Apple Store / Google Play, or scan the QR code below.
2. Tap the "+" icon on the middle or top right of the Home Page to add the device.
3. Enter search interface. If there are any devices, they will be displayed in the list.
4. Tap the "Activate the device" icon.
5. Enter the WIFI name and password as required and click the "Save" button.
6. The device has been successfully added.



## APP OPERATIONS

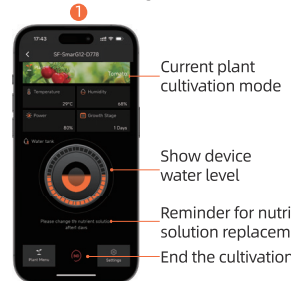
### Operating Instructions

#### 1.Device Page

Displays data on the types of plants being grown, temperature, humidity, light intensity, growth stage and more.

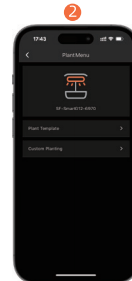
#### Tips:

When the water level is below 2.5L ± 0.3L, the machine will trigger a low water level warning.



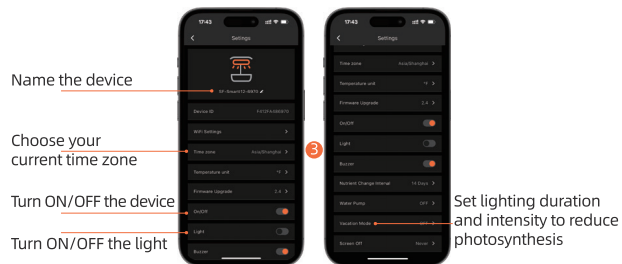
#### 2.Plant Menu

**Plant Template:**  
6 default plant cultivation modes.  
**Custom Planting:**  
5 custom plant cultivation modes can be set up.



#### 3.Setting

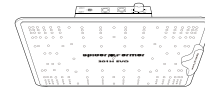
Access settings including WIFI, Time zone, Nutrient Change Interval and more.



## OTHER CATEGORIES

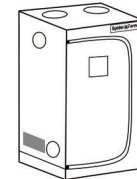
### Led Grow Lights

Spider Farmer Led Grow Lights utilize Samsung LM301 H EVO high-efficiency diodes to provide powerful and uniform light output for optimal crown penetration and the highest possible yield. Each light comes equipped with a dimming box, allowing for adjustable light intensity and the ability to connect multiple lights for uniform light distribution.



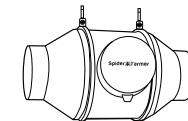
### Grow Tents

Spider Farmer grow tents are designed to create ideal growing conditions for indoor plant cultivation. By adopting a unique 1680D Oxford canvas and Diamond reflective Mylar, Spider Farmer grow tents effectively maximize light reflectivity and prevent light leaks. The metal frame is made from hardened steel, and our tents are three times thicker and denser than ordinary tents. With a stable metal angle adapter and a load capacity of up to 140 lbs.



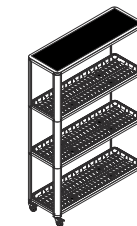
### Inline Fan

Utilizing a mixed flow design combined with an EC motor to ensure true energy efficiency with a very low noise level. Lightweight ABS blades reduce the airflow resistance and increase airflow by 40%. The smart controller has multiple modes for operation, 10 speeds, is easy to program and can control the humidity and temperature automatically.



### Plant Stand

This stand is made of high-grade iron with a moisture-resistant powder coating, ensuring its durability. The weight and durability make it a testament to exceptional quality. Textured and leak-proof trays provide a secure and hygienic environment for your plants. Installation takes under 20 minutes, and the stand has four removable wheels for effortless movement. We recommend using it with SF-Glow80 or SF600 LED Grow Light.



## WARRANTY

### Warranty terms

- The light can be returned or replaced within 30 days after delivery, in the precondition of non-artificial damage.
- 90 days ALL FREE warranty. Free components, repairing & service can be provided within 3 months after delivery.
- 2 years of free components can be provided.
- 3-12 months : Free components, buyers only have to pay one-way freight & repairing fees.
- 1 year - 2 years : Free components. Buyers bear the freight back & forth and repairing fees.

### Caution

- Do NOT touch while in operation.
- To prevent eye damage, avoid looking directly at the LEDs.
- To reduce the risk of overheating or fire, always allow for adequate ventilation of fixtures and power supplies.

### Warning

In summer or other hot environment, please use a cooling fan to keep a suitable temperature for your plants.

### Important Safety Precautions

- Please read the manual thoroughly before attempting to install or operate Spider Farmer Hydroponics Growing System and keep it for future reference.
- Connect the light only to the power sources of the appropriate voltage using the plug received. Protect power cables from being pinched or damaged, especially where the power cable enters the power outlet and the unit.
- If the provided plug does not fit your socket, please contact us for help by email immediately. Please do not replace the power cord or plug by yourself, otherwise we are not responsible for man-made damages.
- The system should only be cleaned as directed in the manual. You should seek service by qualified service personnel if any of the following occur :
  1. The power-supply cord or the plug has been damaged;
  2. The unit has been exposed to rain;
  3. The unit exhibits a marked change in performance;
  4. The unit has been dropped, or its enclosure or chassis is damaged;

### Our Social Media



### Contact:

Tel: +1 8409776768  
Email: support@spider-farmer.com  
info@spider-farmer.com

# YOUR RELIABLE INDOOR GROW PARTNER