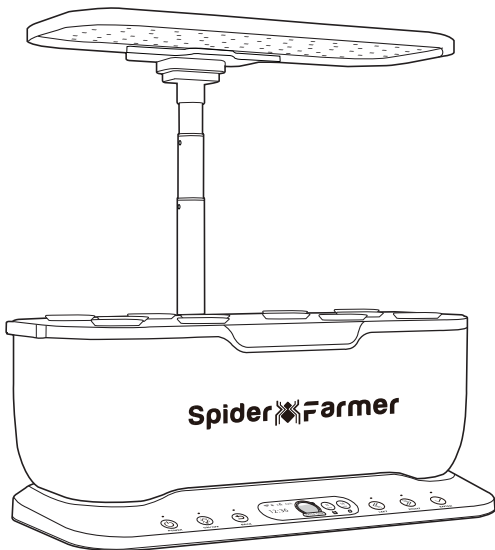


Spider  Farmer

USER MANUAL

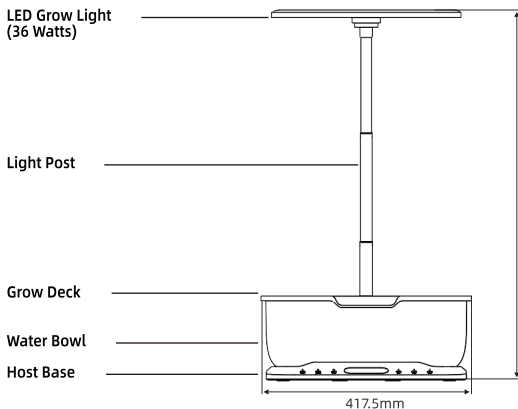
SmartG12

Always Grow, Always Fresh



SF-SmartG12-08

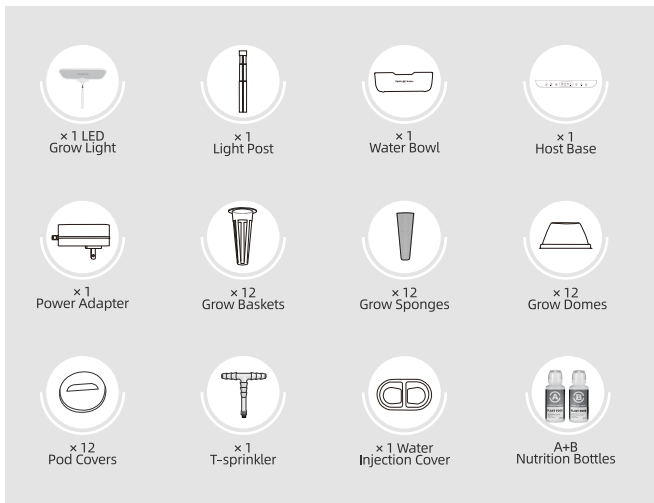
SPECIFICATIONS



SF-SmartG12

Model	SF-SmartG12	Product Name	Hydroponics Growing System
Spectrum	650-660nm,460-465nm, 2800-3200K,4800-5000K	LED Quantity	106pcs
LED Power	36W	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*749MM
Package Size	450*290*228MM	Gross Weight	3.3KG
Working Environment	-4°F - 95°F (-20°C - 35°C)	Lifespan	50,000Hours

PACKAGE INCLUDES



WATER/NUTRIENT PROPORTION

Water	Seedling 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

4 Fast & Easy Steps

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



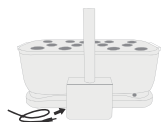
2. Insert the larger end of the light post into the connector on the host.



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.



Display Functionality

The display provides real-time status and device information for easy monitoring and operation.



Button Control



POWER - Long press for 3 seconds to turn the device on/off. A beep sound will confirm successful startup, and the indicator will flash red.



Press the "LIGHT" button to turn the light on/off.



Return to the previous screen or menu.



Navigate through various options or files on the screen.



Select the desired option and press "ENTER" to confirm your choice.

Note

1. The default setting for the water pump is a 15-minute on and 30-minute off cycle. You can adjust the cycle time as needed.
2. There are six available growing modes, including five preset modes and the option to customize your own.
3. The device is equipped with a power-off memory function, ensuring it resumes with the previous settings when powered back on.

DE

Tastensteuerung



Ein Piepton bestätigt den erfolgreichen Start und die Anzeige blinkt rot.



Drücken Sie die Taste "LIGHT", um das Licht ein-/auszuschalten.



Kehren Sie zum vorherigen Bildschirm oder Menü zurück.



Navigieren Sie durch verschiedene Optionen oder Dateien auf dem Bildschirm.



Wählen Sie die gewünschte Option aus und drücken Sie "ENTER", um Ihre Auswahl zu bestätigen.

Anmerkung

1. Die Standardeinstellung für die Wasserpumpe ist ein 15-minütiger Ein- und 30-minütiger Aus-Zyklus. Sie können die Zykluszeit nach Bedarf anpassen.
2. Es gibt sechs verfügbare Anbaumodi, darunter fünf voreingestellte Modi und die Möglichkeit, Ihre eigenen anzupassen.
3. Das Gerät ist mit einer Power-Off-Memory-Funktion ausgestattet, die sicherstellt, dass es beim erneuten Einschalten mit den vorherigen Einstellungen fortgesetzt wird.

Controllo pulsante



POWER

Premere a lungo per 3 secondi per accendere/spengere il dispositivo. Un segnale acustico confermerà l'avvio corretto e l'indicatore lampeggerà in rosso.



LUCE

Premere il pulsante "LUCE" per accendere/spengere la luce.



BACK

Torna alla schermata o al menu precedenti.



SINISTRA

Naviga attraverso varie opzioni o file sullo schermo.



ENTER

Selezionare l'opzione desiderata e premere "ENTER" per confermare la scelta.

Nota

1. L'impostazione predefinita per la pompa dell'acqua è un ciclo di 15 minuti on e 30 minuti off. È possibile regolare il tempo di ciclo secondo necessità.
2. Ci sono sei modalità di crescita disponibili, tra cui cinque modalità preimpostate e la possibilità di personalizzare il proprio.
3. Il dispositivo è dotato di una funzione di spegnimento della memoria, assicurando che riprenda con le impostazioni precedenti una volta riacceso.

Contrôle des boutons



POWER

Alimentation - appuyez longuement pendant 3 secondes pour allumer / éteindre l'appareil. Un bip confirmera le démarrage réussi et le voyant clignotera en rouge.



Lumière

Appuyez sur le bouton « lumière » pour allumer / éteindre la lumière.



Retour

Retourne à l'écran ou au menu précédent.



Gauche

Parcourez les différentes options ou fichiers à l'écran.



ENTER

sélectionnez l'option souhaitée et appuyez sur « enter » pour confirmer votre choix.

Note

1. Le réglage par défaut de la pompe à eau est un cycle de 15 minutes en marche et de 30 minutes en arrêt. Vous pouvez ajuster le temps de cycle selon vos besoins.
2. Il y a six modes de croissance disponibles, y compris cinq modes prédéfinis et des modes personnalisés.
3. L'appareil est équipé d'une fonction de mémoire de mise hors tension qui assure le retour aux réglages précédents lors de la remise sous tension.

Control de botones



POWER

Fuente de alimentación - presione durante 3 segundos para encender / apagar el dispositivo. el pitido confirmará el arranque exitoso y el indicador parpadeará rojo.



LUZ

Presione el botón "luz" para encender / apagar la luz.



Volver

Volver a la pantalla o menú anterior.



Izquierda

Navegue por varias opciones o archivos en la pantalla.



ENTER

Seleccione la opción deseada y luego presione "enter" para confirmar su selección.

Nota

1. la configuración predeterminada de la bomba de agua es de 15 minutos para abrir y 30 minutos para cerrar el ciclo. Puede ajustar el tiempo de ciclo según sea necesario.
2. hay seis modos de crecimiento disponibles, incluidos cinco modos preestablecidos y modos personalizados.
3. el dispositivo está equipado con una función de memoria de corte de energía para garantizar que la configuración anterior se restablezca cuando se vuelva a electrificar.

Knopbediening



POWER

Druk drie seconden lang op om het apparaat in/uit te schakelen. Een pieptoon bevestigt een geslaagde start en de indicator knippert rood.



LIGHT

Druk op de knop "LIGHT" om het licht aan/uit te zetten.



TERUG

Ga terug naar het vorige scherm of menu.



LINKS

Navigeer door verschillende opties of bestanden op het scherm.



ENTER

Selecteer de gewenste optie en druk op ENTER om uw keuze te bevestigen.

Opmerking

1. De standaardinstelling voor de waterpomp is een 15-minuten aan- en 30-minuten uit-cyclus. U kunt de cyclustijd naar behoefte aanpassen.
2. Er zijn zes beschikbare groeimodi, waaronder vijf vooraf ingestelde modi en de optie om uw eigen aan te passen.
3. Het apparaat is uitgerust met een geheugenfunctie die ervoor zorgt dat het wordt hervat met de vorige instellingen wanneer het weer wordt ingeschakeld.

HOW TO USE

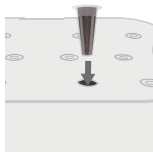
1. Add 6000ML Water and Nutrients mixture

- 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 separate plastic bottles. Add water to each and shake well. Follow the table on the bottle to add the nutrients in the correct proportions.
- Do not overfeed. Excessive nutrients may harm your plants.



2. Add Seed Pods & Grow Domes

- Insert the seed pods into the openings inside the grow deck.
- Soak the sponges for 3 minutes, then place them into the seed pods and insert the seeds.
- Place a grow dome over each seed basket.
- Once the seeds germinate, the grow domes can be reused or recycled.



Tips:

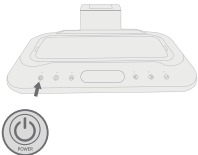
Squeeze the sponge to prevent it from absorbing too much water.

Cut a small slit above the sponge or gently press it to loosen it. This will help the seedlings take root and prevent "leggy" growth.

Alternatively, place the seeds in a damp cotton cloth or towel and wait for them to sprout before planting.

3. Plug In

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



APP OPERATIONS

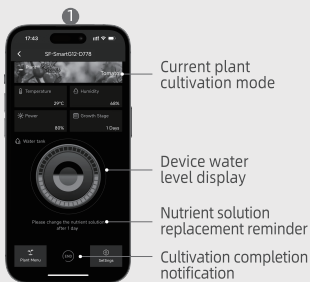
Operating Instructions

1. Device Page

Displays data on plant types, temperature, humidity, light intensity, growth stage, and more.

Tips:

When the water level drops below $2.5L \pm 0.3L$, the machine will trigger a low water level warning.



2. Plant Menu

Plant Template:

Includes six default plant cultivation modes.

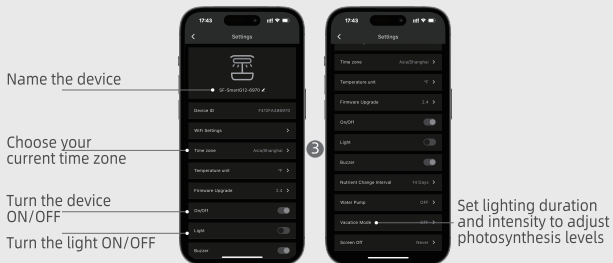
Custom Planting:

Allows for up to five custom plant cultivation modes.



3. Settings

Customize settings such as Wi-Fi, Time Zone, Nutrient Change Interval, and more.



Bedienungsanleitung

1. Geräteseite

Zeigt Daten zu den Anlagentypen an
Aufzucht, Temperatur, Luftfeuchtigkeit
Lichtintensität, Wachstumsphase und mehr,

Tips:

Wenn der Wasserstand unter 2,5L liegt +
0,3L, die Maschine löst eine niedrige
Wasserstandswarnung.



1
Aktueller
Pflanzenanbau

Wasserstand
anzeigen

Erinnerung an den
Ersatz von

Beenden Sie den
Anbau

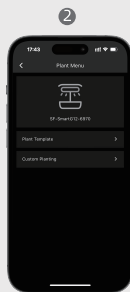
2. Pflanzenmenü

Pflanzenvorlage:

6 Standardkultivierungsmethoden

Individuelle Bepflanzung:

5 benutzerdefinierte Pflanzenkulti-
vierungsmethoden
kann eingerichtet werden.



3. Einstellung

Greifen Sie auf Einstellungen wie WIFI, Zeitzone, Nährstoffwechselintervall und mehr zu.

Name des Geräts

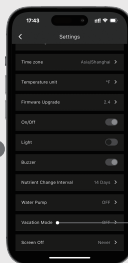
Wählen Sie Ihre
aktuelle Zeitzone

Schalten Sie das Gerät
ein/aus

Licht EIN/AUS schalten



3



Einstellen der
Beleuchtungsdauer und
-intensität zur
Reduzierung der
Photosynthese

APP OPERATIONS

Connecting to the App

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

1. Download the "Spider Farmer" APP from the Apple Store or 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 the Search Interface. Available devices will be displayed in the list.
4. Tap the "Activate the Device" icon.
5. Enter your Wi-Fi name and password as prompted, then click the "Save" button.
6. The device has been successfully added.



DE

Verbinden mit der App

Drücken Sie lange die Power-Taste drei Sekunden lang, um den Smart G12 vor dem Anschließen einzuschalten.

1. Laden Sie die App "Spider Farmer" aus dem Apple Store oder Google Play herunter oder scannen Sie den QR-Code unten.
2. Tippen Sie auf das Symbol "+" in der Mitte oder oben rechts auf der Startseite, um das Gerät hinzuzufügen.
3. Geben Sie die Suchoberfläche ein. Verfügbare Geräte werden in der Liste angezeigt.
4. Tippen Sie auf das Symbol "Gerät aktivieren".
5. Geben Sie Ihren WLAN-Namen und Ihr Passwort ein, wie Sie dazu aufgefordert werden, und klicken Sie dann auf die Schaltfläche "Speichern".
6. Das Gerät wurde erfolgreich hinzugefügt.

IT

Connessione all'app

Premere a lungo il pulsante di accensione per 3 secondi per accendere Smart G12 prima della connessione.

1. Scarica l'APP "Spider Farmer" dall'Apple Store o Google Play, o scansiona il codice QR qui sotto.
2. Toccare l'icona "+" in mezzo o in alto a destra della Home Page per aggiungere il dispositivo.
3. Inserire l'interfaccia di ricerca. I dispositivi disponibili verranno visualizzati nell'elenco.
4. Toccare l'icona "Attiva il dispositivo".
5. Inserire il nome Wi-Fi e la password come richiesto, quindi fare clic sul pulsante "Salva".
6. Il dispositivo è stato aggiunto con successo.

FR

Se connecter à l'application

Appuyez longuement sur le bouton d'alimentation pendant 3 secondes pour allumer votre Smart G12 avant de le connecter.

1. Téléchargez l'application SPIDER Farmer depuis l'Apple Store ou Google Play ou Scannez le Code QR ci - dessous.
2. Appuyez sur l'icône "+" dans la page d'accueil ou dans le coin supérieur droit pour ajouter un appareil.
3. Allez dans l'interface de recherche. Les appareils disponibles apparaîtront dans la liste.
4. Cliquez sur l'icône "activer l'appareil".
5. Suivez les instructions pour entrer votre nom Wi - fi et votre mot de passe, puis cliquez sur le bouton Enregistrer.
6. L'appareil a été ajouté avec succès.

ES

Conectarse a la aplicación

Antes de conectarse, Presione el botón de encendido durante 3 segundos para encender el SMART g12.

1. descargue la aplicación "spider farmer" de Apple Store o Google Play o escanee el Código QR de abajo.
2. haga clic en el icono "+" en la página principal o en la esquina superior derecha para agregar el dispositivo.

3. ingrese a la interfaz de búsqueda. Los dispositivos disponibles se mostrarán en la lista.
4. haga clic en el icono "activar dispositivo".
5. siga las indicaciones para introducir su nombre y contraseña de Wi - Fi y luego haga clic en el botón "guardar".
6. el dispositivo se ha añadido con éxito.

NL

Verbinding maken met de app

Druk drie seconden lang op de aan/uit-knop om de Smart G12 in te schakelen voordat u verbinding maakt.

1. Download de "Spider Farmer" APP uit de Apple Store of Google Play, of scan de QR-code hieronder.
2. Tik op het pictogram "+" in het midden of rechtsboven op de startpagina om het apparaat toe te voegen.
3. Voer de zoekinterface in. Beschikbare apparaten worden weergegeven in de lijst.
4. Tik op het pictogram "Activeer het apparaat".
5. Voer uw Wi-Fi naam en wachtwoord in zoals gevraagd en klik vervolgens op de knop "Opslaan".
6. Het apparaat is succesvol toegevoegd.

WARRANTY

Warranty Terms

30-Day Return/Replacement: The light can be returned or replaced within 30 days of delivery, provided there is no artificial damage.

90-Day Full Warranty: Free components, repair, and service are provided within 90 days of delivery.

2-Year Free Components:

3-12 Months: Free components provided. Buyers only pay for one-way shipping and repair fees.

1-2 Years: Free components provided. Buyers bear round-trip shipping costs and repair fees.

Caution

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

Warning

In summer or other hot environments, use a cooling fan to maintain an appropriate temperature for your plants.

Important Safety Precautions

Please read this manual thoroughly before installing or operating the Spider Farmer Hydroponics Growing System, and keep it for future reference.

Connect the light only to power sources with the appropriate voltage using the supplied plug. Protect power cables from being pinched or damaged, especially where they enter the power outlet and the unit.

If the provided plug does not fit your socket, contact us immediately for assistance at our support email. Do not replace the power cord or plug yourself—improper replacement may cause damage, and we are not responsible for user-made issues.

YOUR RELIABLE INDOOR GROW PARTNER

Follow Us on Social Media



Email:

support@spider-farmer.com

info@spider-farmer.com