

TRJZWA BSV-IC305

TRJZWA Solar Irrigation System Kit

INSTRUCTION MANUAL



1. Product Overview

The TRJZWA Solar Irrigation System Kit (Model BSV-IC305) provides an automatic and efficient watering solution for your garden, balcony, or greenhouse. Designed to support up to 15 potted plants with its 15-meter hose, this system utilizes solar power for sustainable operation. It features an intelligent watering computer for precise control, ensuring your plants receive optimal hydration.

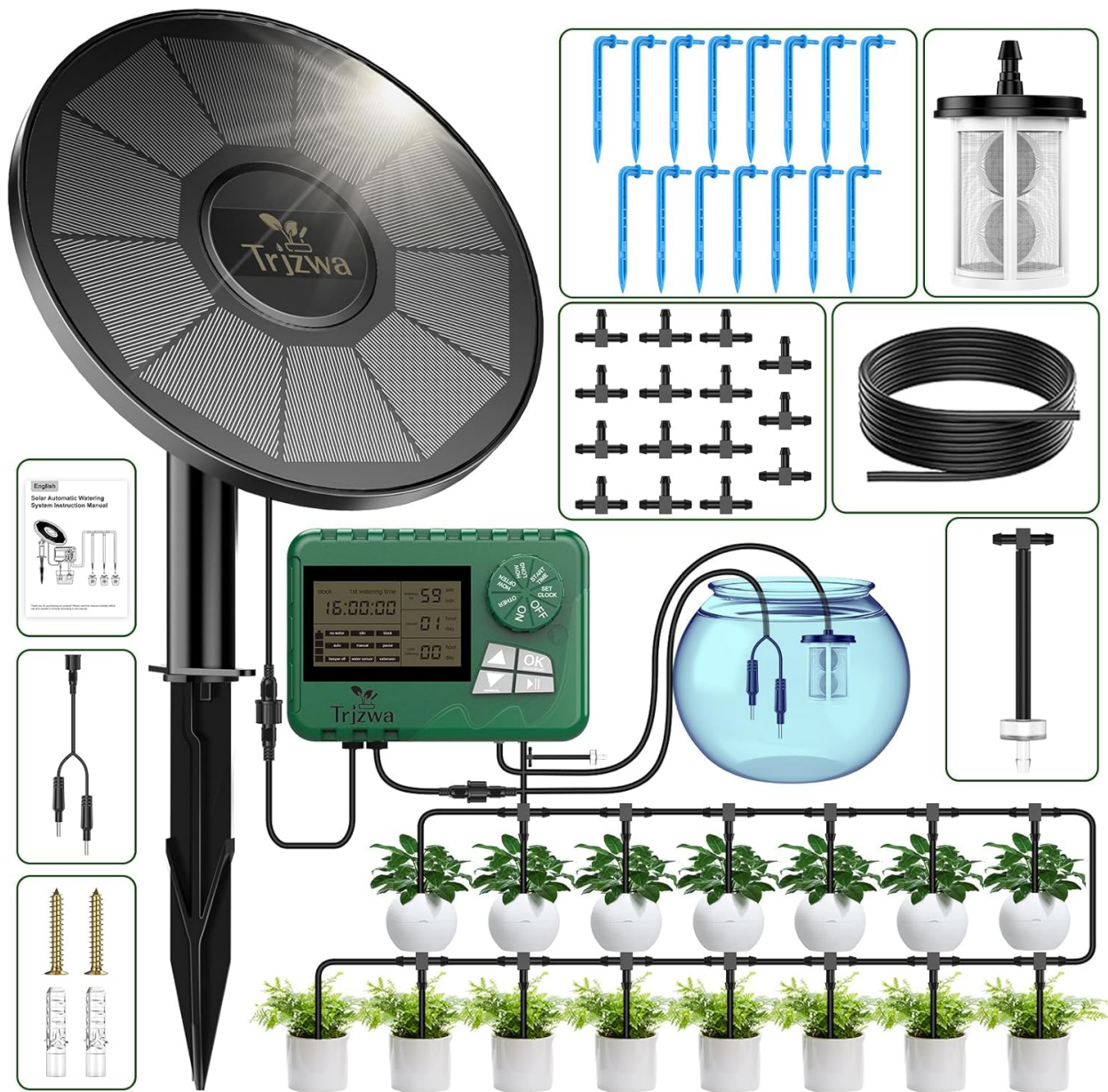


Image: All components included in the TRJZWA Solar Irrigation System Kit.

Key Features:

- **Solar Charging:** Utilizes a waterproof solar panel for continuous power.
- **2200mAh Battery:** Built-in battery stores energy for operation during cloudy days or at night.
- **Automatic Timing:** Program precise watering schedules.
- **Water Shortage Warning:** Automatic alarm for low water levels or pump clogging.
- **Environmental Protection:** Deep drip irrigation conserves water.



Image: Visual representation of the system's key features including solar charging and water level warning.

2. Setup Instructions

Follow these steps to correctly set up your TRJZWA Solar Irrigation System:

1. **Divide Water Pipe Length:** Cut the 15-meter water pipe into appropriate lengths based on your plant layout.
2. **Connect Solar Panels:** Connect the solar panel cable to the main control unit. Ensure a secure connection.
3. **Connect Water Level Detection Line:** Plug the water level sensor into the designated port on the control unit.
4. **Connect Water Pipe to IN Port:** Attach the main water pipe from your water source (e.g., bucket) to the 'IN' port of the display unit.
5. **Connect Water Pipe to OUT Port:** Attach the main distribution water pipe to the 'OUT' port of the display unit.

6. **Connect Filter to Water Inlet:** Install the filter onto the end of the water pipe that will be submerged in your water source. This prevents debris from entering the pump.
7. **Connect Anti-Siphon Head:** Install the anti-siphon device near the water outlet spout to prevent backflow.
8. **Water Pipe Connection Tee:** Use the provided tee connectors to branch off the main water pipe to individual plants.
9. **Water Pipe Connection Dripper:** Attach the blue dripper tips to the end of each branch pipe, positioning them near the base of each plant.
10. **Place Filter and Water Level Detection Line:** Submerge the filter and water level detection line into your water reservoir.



Image: Visual guide for connecting all components of the irrigation system.

Installation Tips:

- The solar panel can be adjusted to an angle to receive maximum sunlight.
- The control unit can be mounted to a wall or placed on the ground using the provided stake.



Image: Examples of wall-mounted and ground-staked installation options.

Setup Video:

Video: Detailed operation video for the Solar Irrigation System with Timer, demonstrating setup and programming.

3. Operating Instructions

The intelligent watering computer allows for flexible and precise control over your plant's hydration needs.

Installation Instructions



1. Divide the required water pipe length.



2. Connect solar panels.



3. Connect the water level detection line.



4. The water pipe is connected to the IN port of the display.



5. The water pipe is connected to the OUT port of the display screen.



6. Connect the filter to the water inlet.



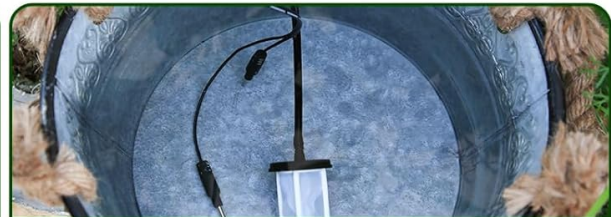
7. Connect the outlet pipe to the anti-siphon head.



8. Water pipe connection tee.



9. Water pipe connection dripper.



10. Place the filter and water level detection line in the water.

Image: Close-up of the control panel showing various settings and display.

Programming the Timer:

- **Set Clock:** Adjust the current time on the display.
- **Start Time:** Set the desired time for the first watering cycle.
- **How Long:** Define the duration of each watering session (e.g., 1 second to 59 minutes, 59 seconds).
- **How Often:** Set the interval between watering cycles (e.g., 0-23 hours, 0-7 days).
- **ON/OFF:** Manually power on or shut down the system.
- **Other:** Access additional settings like rain delay or water sensor options.

The system supports a maximum water flow rate of approximately 400 mL per minute. Adjust the number of drippers and watering frequency based on the actual water demand of your plants.

Manual Mode:

To enter manual mode, long-press the

