

Solar Intelligent Watering Device

SD15 Manual

1. Product introduction:

This product is an automatic watering equipment that uses solar energy as a storage energy to avoid waste of electrical energy and achieve high efficiency and energy saving. The product is set to control the automatic watering of the water pump to ensure that the plants always maintain sufficient moisture. Intelligent and convenient, without manual intervention, realize fully automatic watering service and improve work efficiency.

It is suitable for families, gardens, parks and other places to provide automatic and intelligent watering services for plants.

2. Product accessories:

- | | |
|----------------------------|----------------------|
| 1) . Solar watering device | 2) . Dripping arrows |
| 3) . Hose | 4) . Filter screen |
| 5) .USB Charging Line | 6) . Three-way |
| 7) .Manual | 8) .Ground Stake |

3. Product specification parameters:

Solar panels: Use high-efficiency solar panels to collect solar energy and improve energy utilization.

Controller: Intelligent controller is used to realize automatic watering.

Water Pump: high-efficiency water pump is adopted to complete the watering task in a short time. At the same time, it has siphon prevention function to prevent water from flowing back.

Water inlet: 4/6 water pipes are connected to the water inlet, and the other end is connected to

Water inlet: 4/6 The water pipe is connected to the water inlet and the other end is connected to the filter screen. Please add clean water to ensure the use effect of the product.

Model: SW15

Water Temperature: 3°C-40°C

Size: 133*88*58mm

Weight: 0.8kg

Material:ABS

Operating Voltage: 3.7V

Power: 1.0-2.5W

Control mode: Manual or Automatic

Battery: Built-in battery

Charging voltage: DC5V 1A

Effluent Flow: 750ML/minute



Water quality requirements: clean water


Solar Voltage: 5V


Solar Power: 2.0W

4. Operating instructions

Power- on/off/Manual Opening:

Power-on: Press the NO/ OFF/Manual Opening key for 3 seconds. After the boot screen is displayed , enter the date/time setting . You can press the set Time and Day Keys to set the controller.

Shutdown: Press the NO/ OFF/Manual Opening key for 3 seconds to shut down the screen for 3 seconds and then the screen goes OFF .

Manual opening: In the boot working state, press the NO/ OFF/Manual Opening key to open it manually. The screen display  directly opens the controller to work, and there is no time/date control. If you need to close the work, then press the NO/ OFF/Manual Opening button. .

* The manual opening function can only be carried out when it is turned on, and it cannot be operated when it is turned off.

Setting the watering time and Interval time:

Time key:

Set the watering time, which can range from 1 second to 600 seconds.

Set the Time key:

From the beginning to each press, it will be increased by 1 second;

Increase by 5 seconds for each press;

Increase by 10 seconds for each press. The maximum watering time in automatic mode is 600 seconds.

Day key:

Date setting Day can work from once every hour to once every 12 hours and watering every 1 to 9 days.

From H1 to 1 day / 1 time. By analogy. H9 is 9 days/1 time. The interval in automatic mode is up to 9 days.

From HH: 01 is every 1 hour / 1 time, and so on, HH: 12 is 12 hours / 1 time.

Press each time to change until H9. Press again to start again from HH: 01.

Resumption function:

Time key + Day key: Press and hold two keys at the same time for 5 seconds to display the screen, the host resets, and then the screen changes.

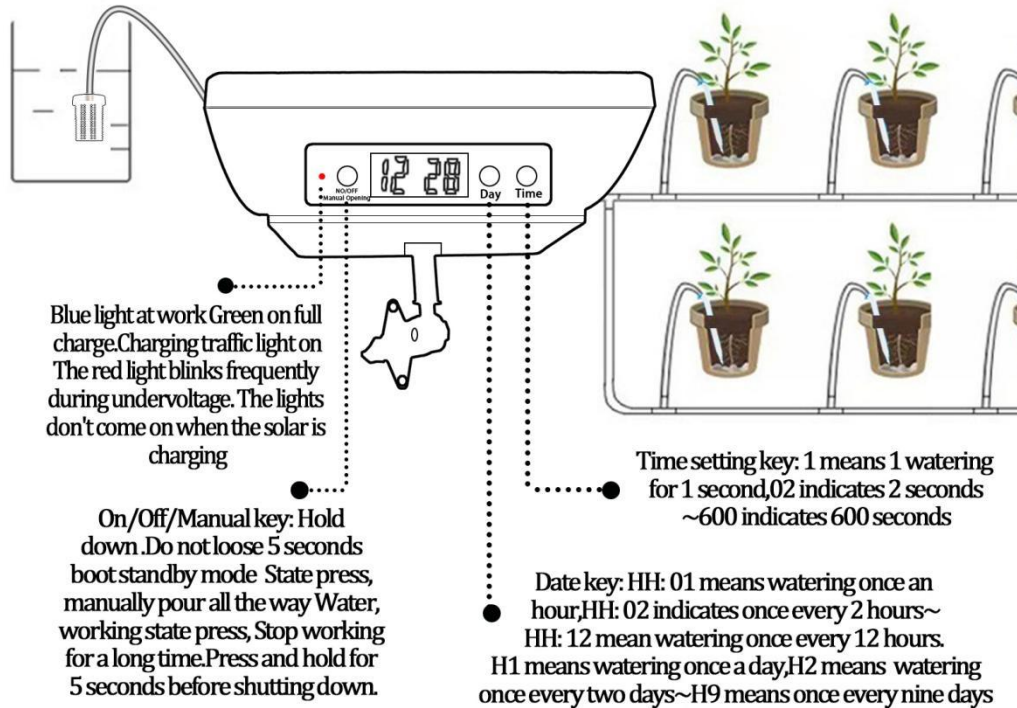
Press the Time key or the Day key to enter the operation, reset and reset the new date/time.

Watering time: short on time, the value increases by one digit; long on time, the value increases rapidly.

Interval time: short on time, the value increases by one bit .

Simple installation drawing

Can water 15 POTS of flowers at the same time
Water yield: 750mL / minute



5. Description of the model

Standby mode: The default is automatic mode after the host setting is completed. In the standby state, the screen does not light up. When the interval arrives, the screen will be automatically lit and run according to the set watering time. The preset working parameters run watering.

Manual mode: In the standby state, press the "NO/ OFF/Manual Opening" button to wake up the product after pressing the "Manual/Close" button. The screen lights up. Press it again to start manual watering. Press it again to turn off manual watering. Press and stop at any time, which does not affect the original preset settings.

Timed function description

The host runs according to the preset watering time and interval time. After setting the parameters for 3 seconds, it will automatically run the first watering. After running, it will work according to the preset parameters. For example, if watering is set once a day at 8 o'clock, the machine will run the next watering at about 8 o'clock the next day.

6. Instructions for indicator lights

The green light is on when setting the function.

The green light flashes at work,

Red and blue lights are on at the same time: charging.

Fully charged: the blue light is on.

Blue light flashing: the battery is low, please charge it in time.

The blue light flashes quickly 3 times: the battery is out of power, stop watering, turn off the display, and must be charged to use normally.

7. Check for functional failures

1. Q: Is the battery dead?

A: If the blue light flashes or there is no indicator light, try to charge it and turn it on again.

2.Q: Is the program data correct?

A: Set a parameter first, wait for 3 seconds and then run once. Pay attention to observe whether the host works according to the settings you need. After confirming that it is correct, the host enters the standby state (the standby state screen is turned off, and there is no response) until the next work.

3. Q: Is the device set to shut down manually?

A: In manual mode, the screen display shows that the green light flashes at the same time. After 3 seconds, the screen turns off, the green light continues to shine and the machine will keep working.