

Contents

English

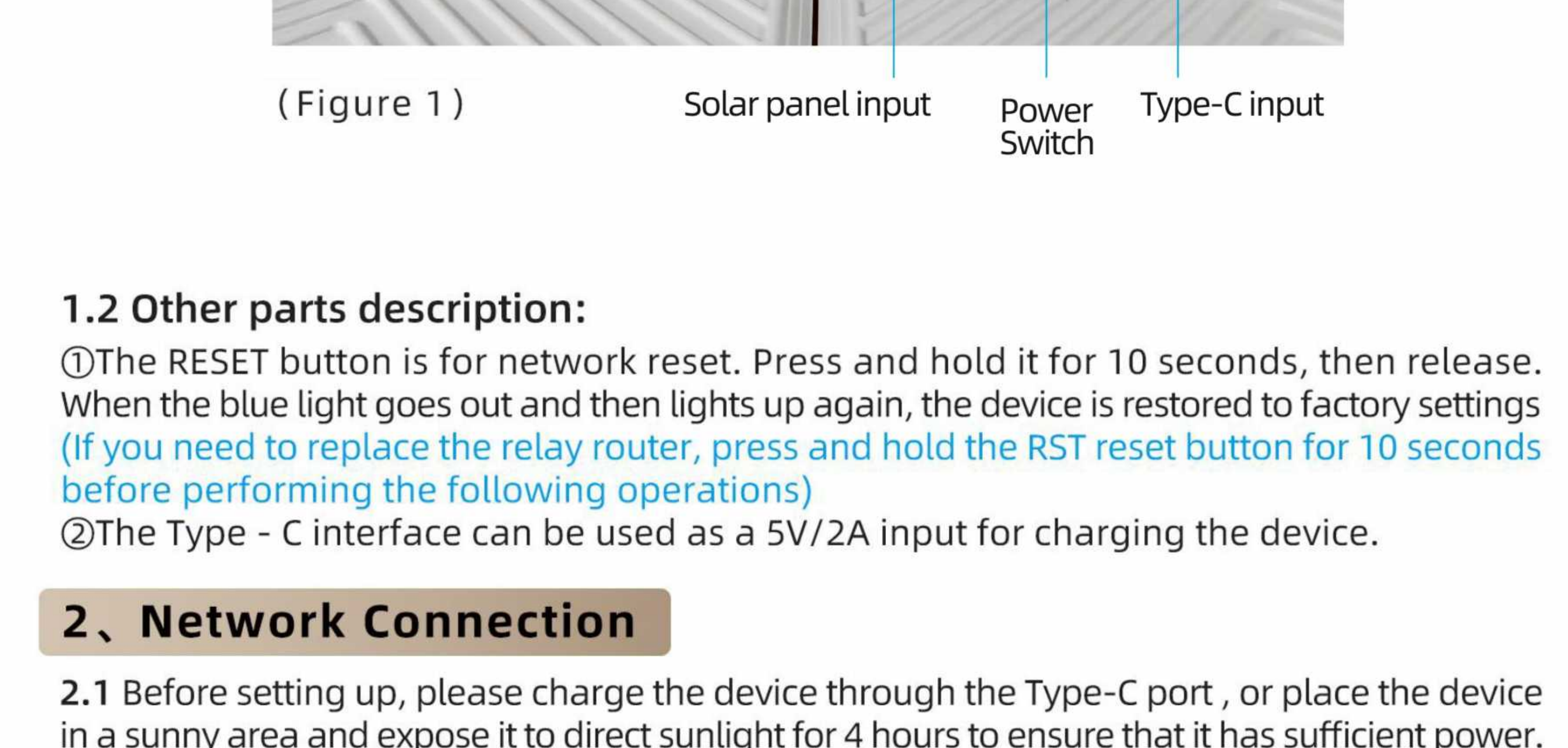
1-4

1. Solar Repeater Intro ... 1
2. Network Connection ... 1
3. Common faults and division ... 4
4. Equipment Installation Steps ... 4

1、Solar Repeater Intro



1.1 Description of Power Indicator (Figure 1)



1.2 Other parts description:

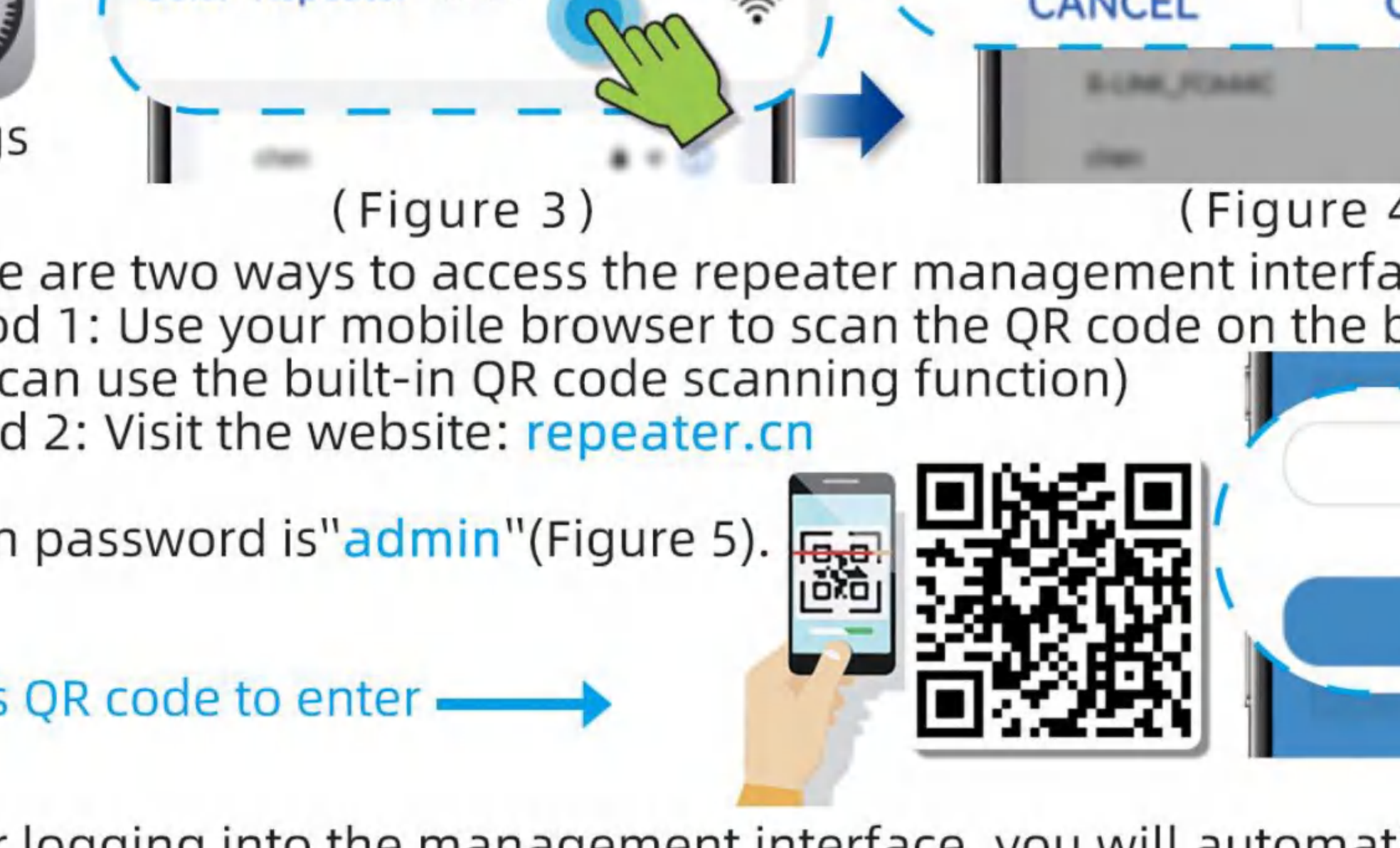
- ①The RESET button is for network reset. Press and hold it for 10 seconds, then release. When the blue light goes out and then lights up again, the device is restored to factory settings (If you need to replace the relay router, press and hold the RST reset button for 10 seconds before performing the following operations)
- ②The Type - C interface can be used as a 5V/2A input for charging the device.

2、Network Connection

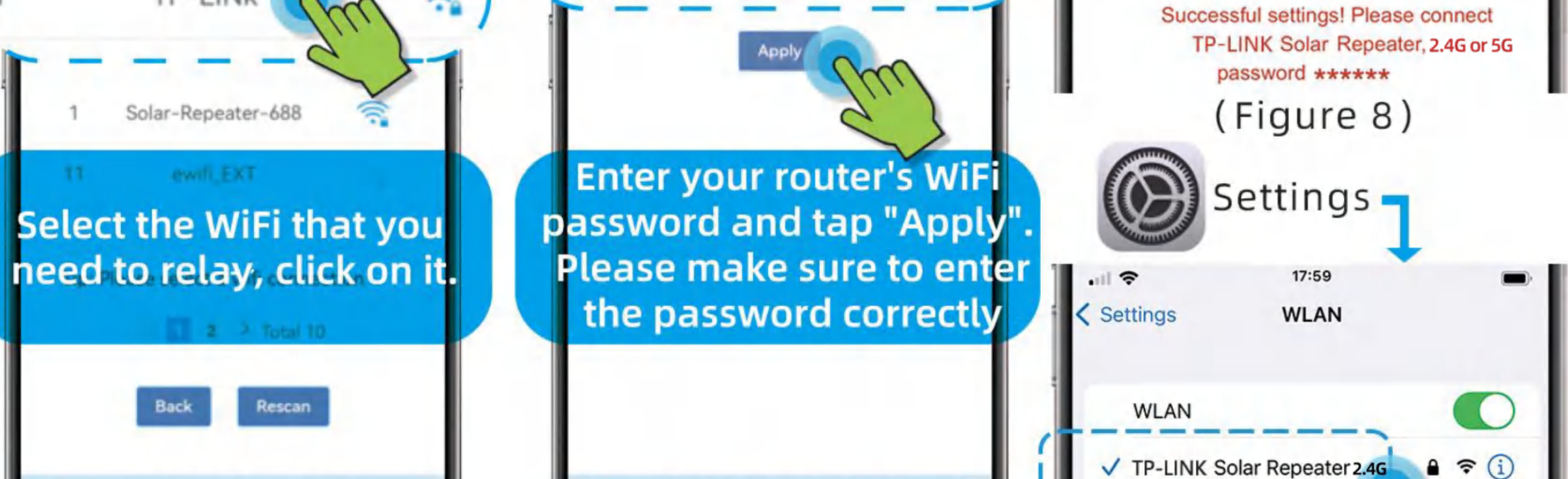
- 2.1 Before setting up, please charge the device through the Type-C port , or place the device in a sunny area and expose it to direct sunlight for 4 hours to ensure that it has sufficient power.



- 2.2 Turn on the power switch of the device. The power indicator will light up. Wait for approximately 30 seconds (Figure 2) .



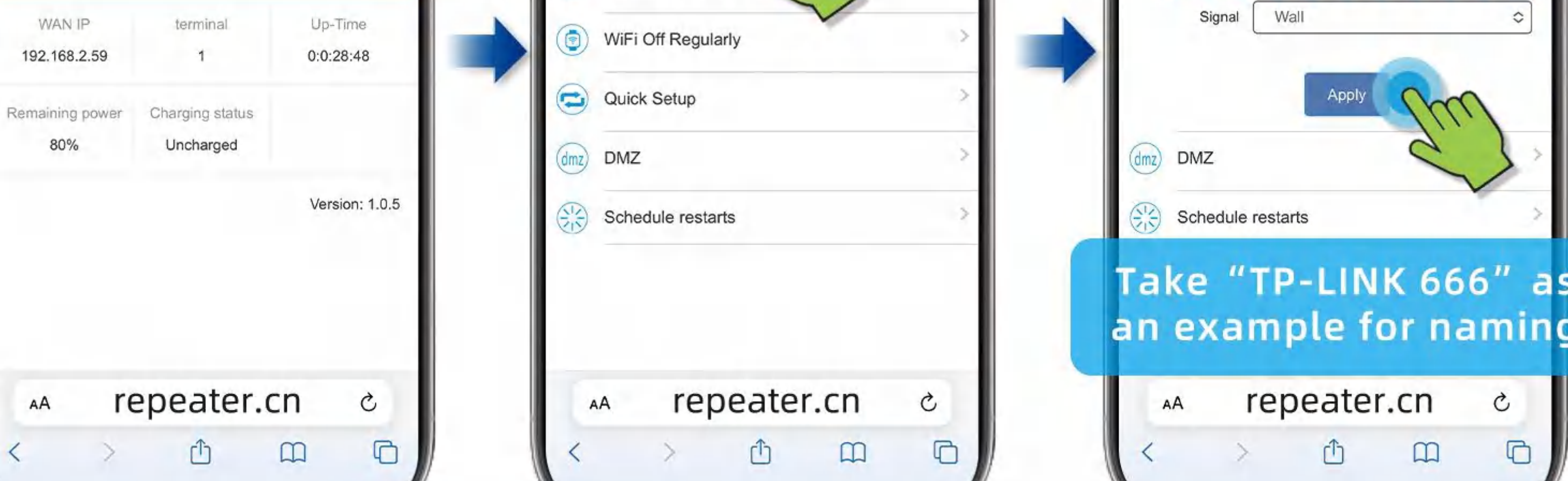
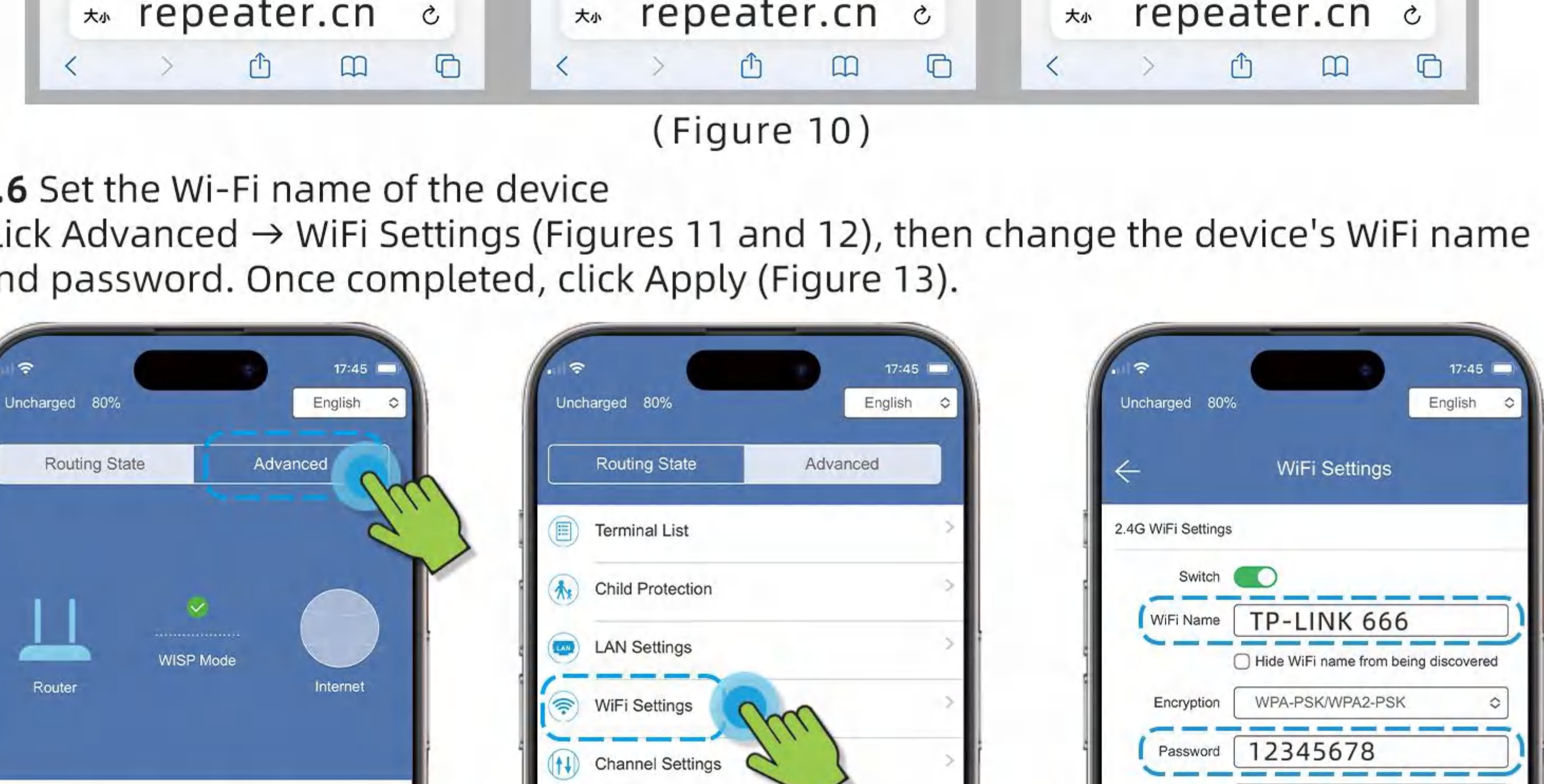
- 2.3 Find this device in "Settings" - "WLAN" on your mobile phone (Figure 3). Its default name is "Solar-Repeater-****", where **** is the unique identification serial number of the device used to distinguish different devices.
- When connecting to this device's Wi-Fi for the first time, it is in open mode (no password is required). After finding it, click on the device name to initiate a connection request.If the system prompts that the network is unavailable, click "Continue to Connect" (Figure 4).



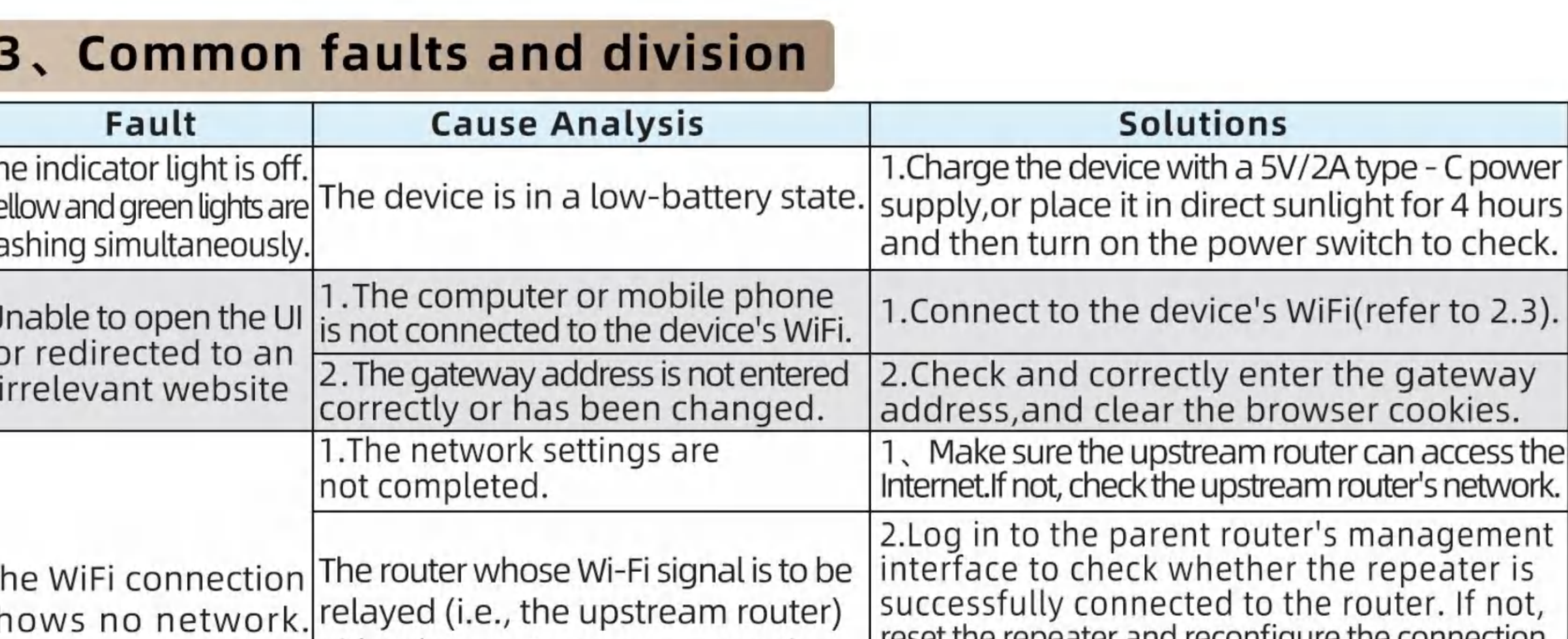
- 2.4 There are two ways to access the repeater management interface:
- ① Method 1: Use your mobile browser to scan the QR code on the back of the device.
- ②Method 2: Visit the website: repeater.cn
- The login password is "admin"(Figure 5).



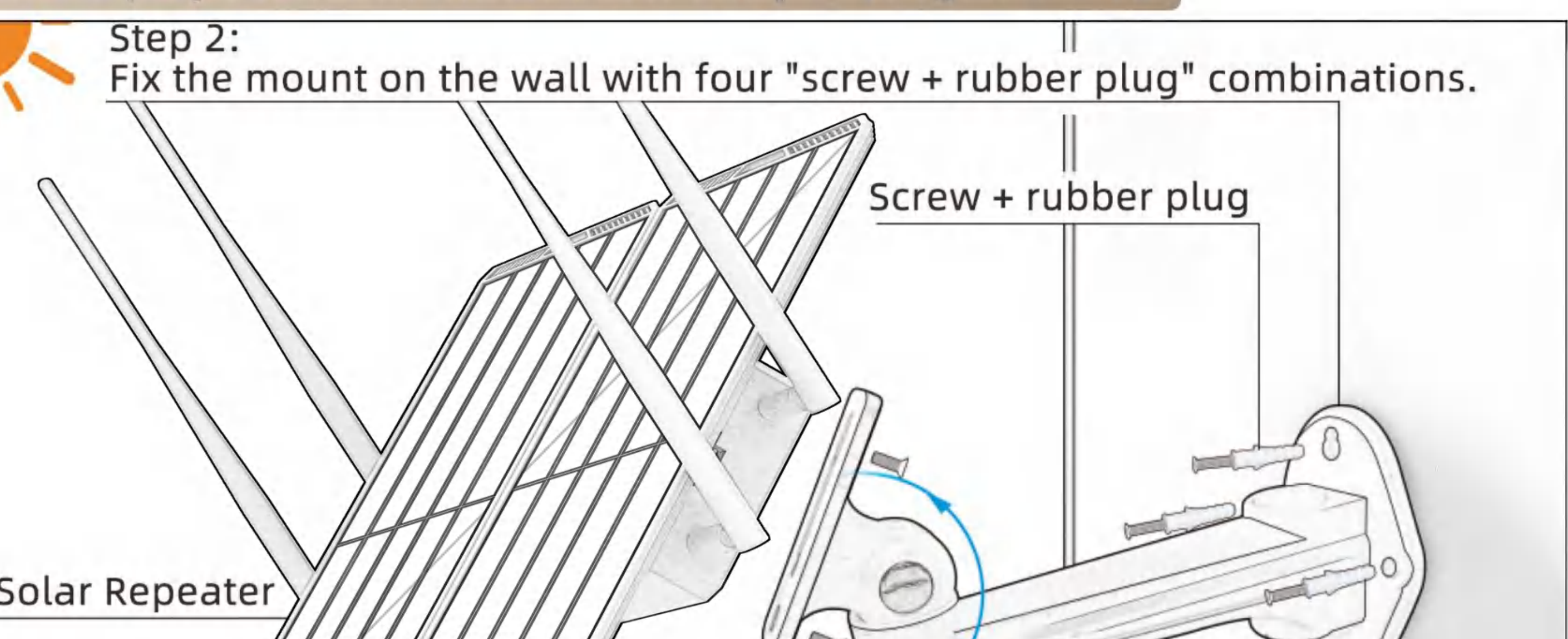
- 2.5 After logging into the management interface, you will automatically be directed to the Quick Settings page. Select the network you want to relay (see Figure 6), tap it, and enter the password to connect to it (Figures 7 and 8). Find this network in your phone's "Settings" - "WLAN" to access the internet (Figure 9).



- If the redirect fails, please click (Advanced → Quick Setup → WISP) as shown in Figure 10. Note that this device only supports WISP mode; avoid setting other modes. After the redirect, the interface will return to the Quick Settings page.



- 2.6 Set the Wi-Fi name of the device
- Click Advanced → WiFi Settings (Figures 11 and 12), then change the device's Wi-Fi name and password. Once completed, click Apply (Figure 13).



After the setup is successful, a notification will appear indicating that the setup is successful. You can then exit the setup system and reconnect to the newly set Wi-Fi password. (Note: After the setup is successful, the device will not automatically exit the setup interface; you will need to exit the setup interface yourself.)

3、Common faults and division

Fault	Cause Analysis	Solutions
The indicator light is off. Yellow and green lights are flashing simultaneously.	The device is in a low-battery state.	1.Charge the device with a 5V/2A type - C power supply, or place it in direct sunlight for 4 hours and then turn on the power switch to check.
Unable to open the UI or redirected to an irrelevant website	1. The computer or mobile phone is not connected to the device's Wi-Fi. 2. The gateway address is not entered correctly or has been changed.	1.Connect to the device's Wi-Fi(refer to 2.3). 2.Check and correctly enter the gateway address, and clear the browser cookies.
The WiFi connection shows no network.	1.The network settings are not completed. The router whose Wi-Fi signal is to be relayed (i.e., the upstream router) either has no internet connection or has an incorrect WiFi password.	1. Make sure the upstream router can access the Internet.If not, check the upstream router's network. 2.Log in to the parent router's management interface to check whether the repeater is successfully connected to the router. If not, reset the repeater and reconfigure the connection. 3. Log in to the repeater's management interface to check whether the repeater and router are connected.If not, reset the repeater and reconfigure the connection.
After successful setup, the terminal device cannot connect to the device via Wi-Fi.	1.The WiFi password is incorrect. 2.The WiFi function is not enabled properly or the hotspot is hidden. 3.The connecting device is on the blacklist.	1.Confirm that the WiFi password is correct. 2.Ensure that the WiFi function is enabled and the hotspot is not hidden. 3.Check whether the connecting device is on the blacklist.
The problem remains unresolved.	--	Try restoring the device to factory settings and reconfiguring the network according to the manual. Or contact the seller through the purchase channel.

4、Equipment Installation Steps (Figure 14)

1. First, use the screws provided with the bracket to fix the mount onto the bottom cover. Note that the orientation of the bracket should be consistent with that shown in the figure.
2. It is recommended that the installation height of the device is 2 - 6 meters, with no obstructions around, and direct sunlight exposure is possible.
3. If you are in the Northern Hemisphere, the solar panel should face south, with an angle of 40°C ± 5°C to the ground.
4. If you are in the Southern Hemisphere, the solar panel should face north, with an angle of 40°C ± 5°C to the ground.

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.
- 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.