


greenworks GWU-WIFI-1.0-P Power Wifi Dongle



greenworks GWU-WIFI-1.0-P Power Wifi Dongle Instruction Manual

[Home](#) » [Greenworks](#) » greenworks GWU-WIFI-1.0-P Power Wifi Dongle Instruction Manual 

Contents

- 1 greenworks GWU-WIFI-1.0-P Power Wifi Dongle
- 2 Product Information
- 3 Product Usage Instructions
- 4 FAQs
- 5 Safety
- 6 FCC RULES
- 7 Packing List
- 8 Electrical Connection
- 9 Installation requirements
- 10 Wi-Fi Configuration
- 11 Troubleshooting
- 12 Appearance and Dimensions
- 13 Technical Data
- 14 Warranty
- 15 CONTACT
- 16 Documents / Resources
 - 16.1 References
- 17 Related Posts



greenworks GWU-WIFI-1.0-P Power Wifi Dongle



Product Information

- **Specifications:**
 - **Model:** GWU-WIFI-1.0-P
 - **Connection Distance:** Up to 100 meters in open space, 20 meters with obstacles like walls
 - **Antenna:** External antenna for -P version

Product Usage Instructions

- **Installation Steps:**
 - **Step 1:** Remove the cover of the DONGLE port at the bottom of the inverter to prepare for installation.
 - **Step 2:** For the -P version of GWU-WIFI, screw the antenna to the end of the shell.
 - **Step 3:** Plug the GWU-WIFI into the correct port of the inverter ensuring the buckles align on the same side.
- **Installation Requirements:**
 - For Wi-Fi mode, ensure the longest connection distance between the router and the equipment is no more than 100 meters. If there is a wall between the router and the equipment, the longest connection distance should be 20 meters.
 - **Example:** Ensure a 24cm concrete wall does not obstruct the signal path for optimal performance.

FAQs



- **Q: What should I do if I encounter issues with the connection distance?**
 - **A:** If you face connectivity issues beyond the specified distances, try repositioning the router or removing obstacles that may interfere with the signal.
- **Q: Can I use the GWU-WIFI-1.0-P with any inverter model?**
 - **A:** The GWU-WIFI-1.0-P is designed to work with compatible inverters. Ensure compatibility before installation.

Safety

General Notice

1. Contents may be periodically updated or revised. Greenworks reserves the right to make improvements or changes in the product(s) and the program(s) described in this manual without prior notice.
2. The installation and maintenance can only be performed by qualified personnel who:
 - Are licensed and/or satisfy state and local jurisdiction regulations;
 - Have good knowledge of this manual and other related documents.
3. Before installing the device, carefully read, fully understand, and strictly follow the detailed instructions of this manual and other related regulations. Greenworks shall not be liable for any consequences caused by the violation of the storage, transportation, installation, and operation regulations specified in this document and the user manual.
4. Use insulated tools when installing the device. Individual protective tools must be worn during installation, electrical connection, and maintenance.
5. Please visit the website www.greenworkstools.com of Greenworks for more information.

Descriptions of Labels

	FCC mark of conformity
	Do not dispose of the device together with household waste.

RF EXPOSURE WARNING!

- Install and operate the device according to provided instructions.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.
- End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

CAUTION:

- Do not dismantle or scrap by force.
- Anti-static measures should be taken to decrease the damage of static electricity to electronic components.
- Keep away from flammable, explosive materials.
- All the product labels and nameplates on the module shall be maintained visible.

CE DECLARATION OF CONFORMITY

- The product conforms to RF specifications and technical standards.
- The device complies with the DOC declaration.

- The device meets the basic requirements and other relevant provisions of the 2014/53/EU directive.
- The device is allowed to be used in all EU member states.

FCC RULES

This device complies with part 15 of the FCC Rules

Operation is subject to the following two conditions:

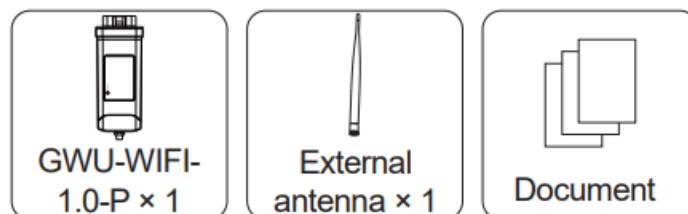
1. This device may not cause harmful interference, and
 2. This device must accept any interference received, including interference that may cause undesired operation.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 by 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 the receiver.
- Connect the equipment to 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.

Packing List

For GWU-WIFI-1.0-P:

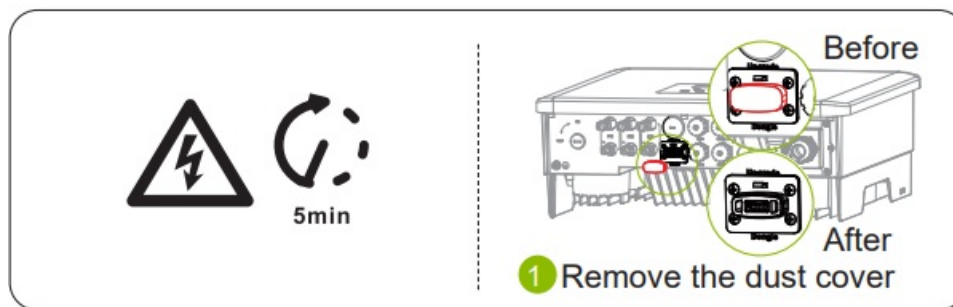


Electrical Connection

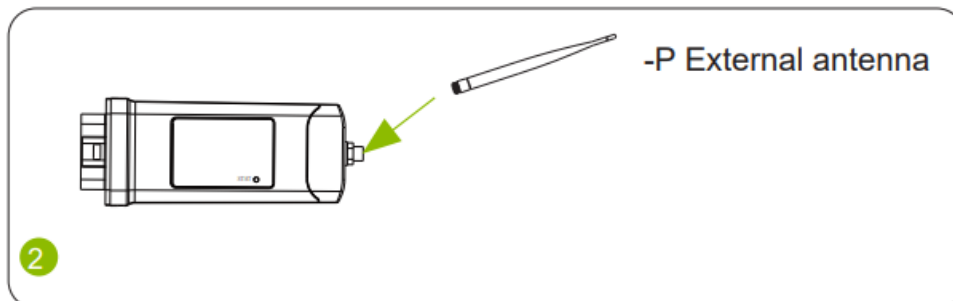
Installation steps

WARNING: Ensure that all power has been turned off at least 5 minutes before installation.

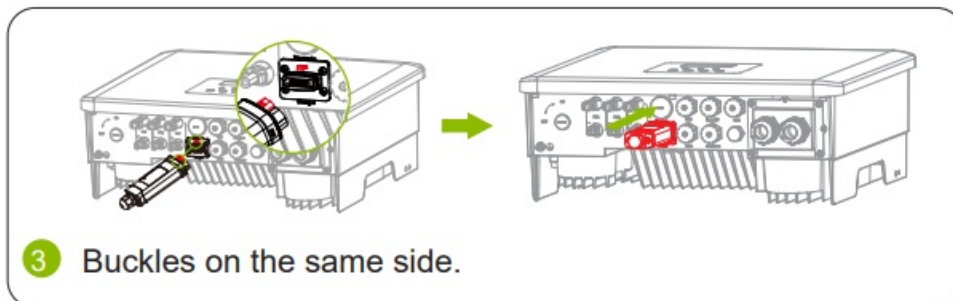
- **Step 1:** Remove the cover of the DONGLE port at the bottom of the inverter. Ready to install your GWU-WIFI?



- **Step 2:** For the -P version of GWU-WIFI, screw the antenna to the end of the shell.

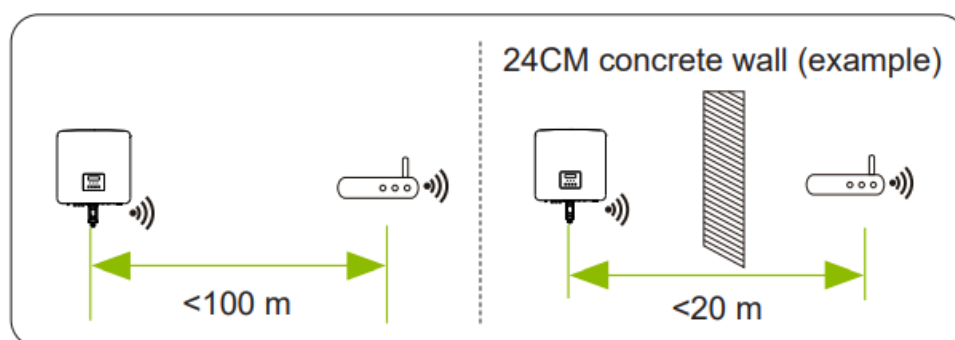


- **Step 3:** Plug the GWU-WIFI into the correct port of the inverter.



Installation requirements

For Wi-Fi mode, the longest connection distance between the router and the equipment should be no more than 100 meters; if there is a wall between the router and the equipment, the longest connection distance is 20 meters.



Note: When the Wi-Fi signal is weak, please install a Wi-Fi signal booster at the appropriate location.

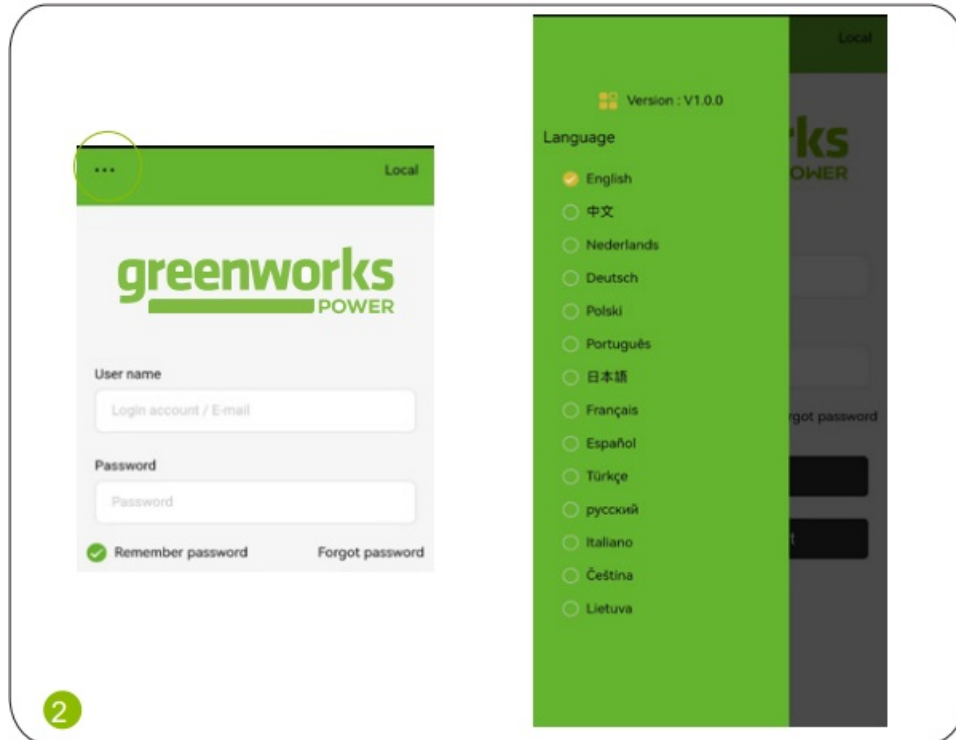
Wi-Fi Configuration

APP registration

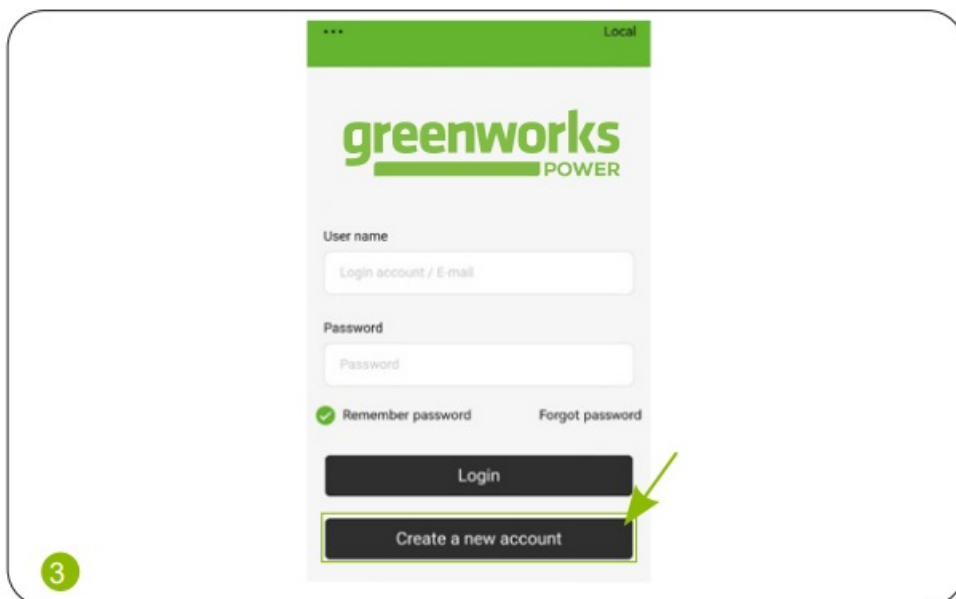
- **Step 1:** Use your smartphone to scan the following QR code or search for the keyword “gPOWER” in the browser to download the Monitoring APP.



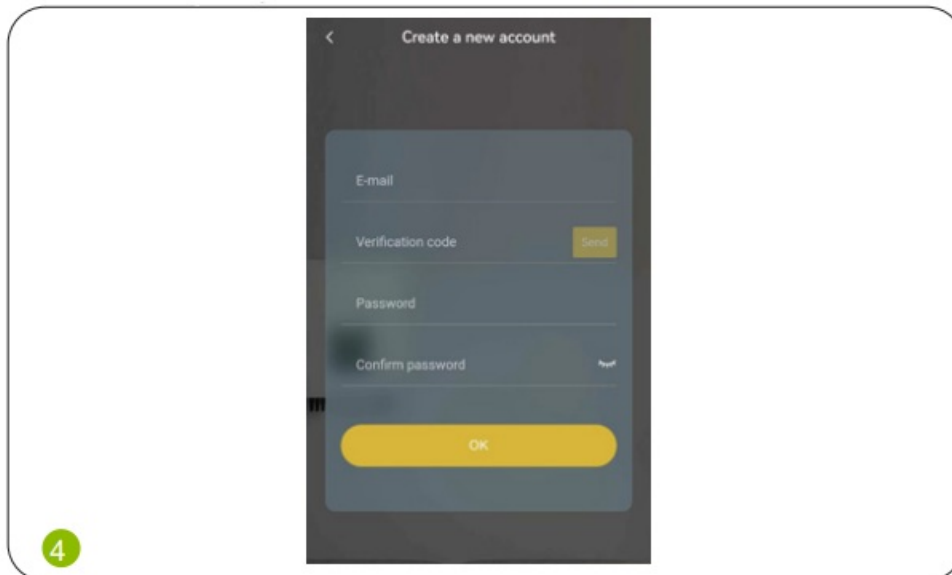
- **Step 2:** Touch the Setting button at the upper left corner of the gPOWER App to choose a language.



- **Step 3:** Touch “Create a new account” at the bottom of gPOWER App.



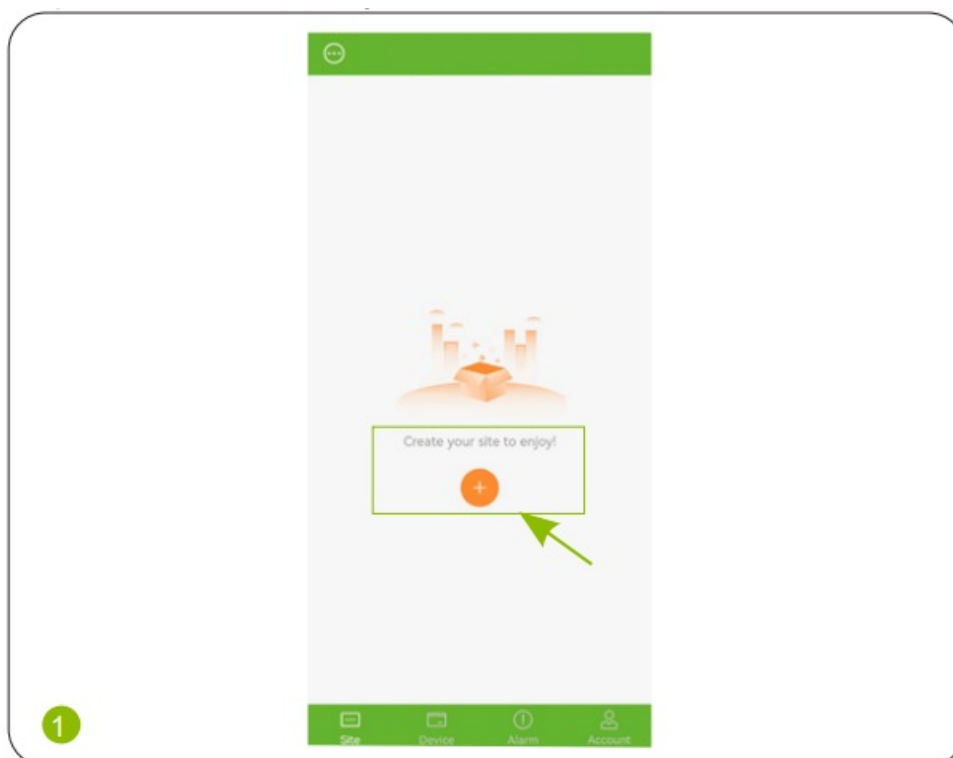
- **Step 4:** Fill in your registration email, input the Verification code, and enter your password to create the account.



- **Note:** If the registration fails, please repeat the above steps.

WiFi connection

- **Step 1:** Click “+” to create your site.



- **Step 2:** Allow gPOWER to access your system location, fill in the site name (self-defined), and system size (refers to the total PV power of the system; please check the information with the installer) and add device by scanning the code on GWU-WIFI.

- **Note:** Select Use&Set DST if your country has summertime and wintertime. Choose the following settings according to actual situations.





- **Step 3:** Enter your WiFi account and password. Start to configure the device network.

- **Note:** DHCP is enabled by default to distribute IP addresses automatically. 5GHz network is not

supported.

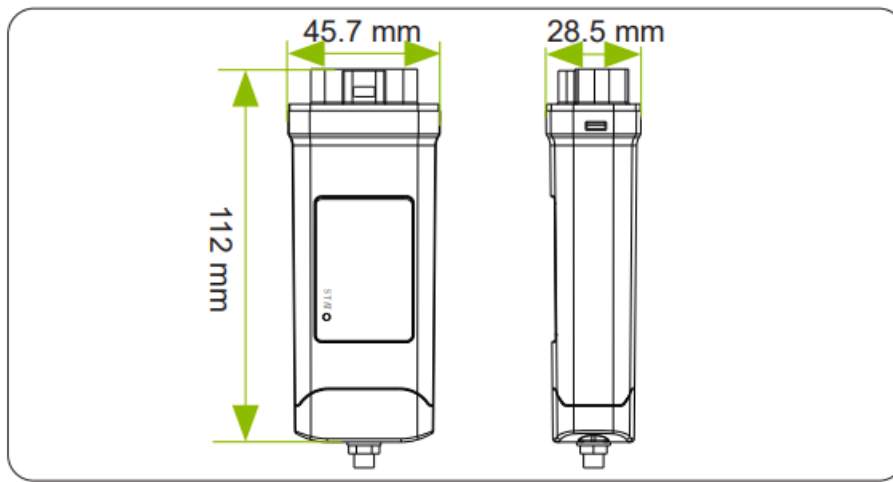
Troubleshooting

If the WiFi configuration fails, please check the following table to diagnose and seek solutions.

Symbol	Description	Solutions
Connecting 	The connection status between APP and module network WiFi_SXXXXXXXXX.	If this step fails, check whether the WiFi_SXXXXXXXXX network can be searched by your cell phone; if not, pull the GWU-WIFI from the equipment and plug it again.
Checking 	The connection status between GWU-WIFI and inverter.	If this step fails, pull the GWU-WIFI from the equipment and plug it again. Ensure that the WiFi module is plugged in properly.
Configuring 	The connection status between GWU-WIFI and inverter.	If this step fails: i) Check if the SSID and password of the router is correct. ii) Check if the router supports 2.4GHz communication (the WiFi module only supports 2.4GHz) iii) Check if the router signal is good at the location of WiFi module through the WiFi network of your mobile phone. iiii) Check if the APP is the latest version (when the WiFi configuration process time out)
Succeed 	The connection status between GWU-WIFI and server.	If this step fails, check if the router supports web browsing through the WiFi network of your mobile phone.

Local mode

- Use your smartphone to connect the Greenworks WiFi signal (Wifi_ SXXXXXXXXX).
- Then choose Local and type in the password (The initial password is the Registration No.) to access the Local Mode in the gPOWER APP.



Technical Data

- **Product Name** GWU-WIFI
- **Model** GWU-WIFI-1.0-P
- **Power Supply** 5 V DC
- **Rated Power** 1.3 W
- **EIRP Power** 17.41 dBm(Measured Max. Average)
- **Frequency** 2.4 GHz
- **Antenna Gain** 3 dBi
- **Antenna Type** IPEX
- **Degree of Protection** IP65
- **Operating Temperate** -40~85 °C
- **Wireless Mode** 802.11 b/g/n
- **Dimension** 112*45.7*28.5 mm
- **Weight** <107g
- **WiFi configuration IP address** 192.168.10.10

Warranty

Warranty Registration Form

For Customer (Compulsory)

Name _____ Country _____
Phone Number _____ Email _____
Address _____
State _____ Zip Code _____
Product Serial Number _____ Date of Commissioning _____
Installation Company Name _____
Installer Name _____ Electrician License No. _____

For Installer

Module (If Any)

Module Brand _____ Module Size(W) _____
Number of String _____ Number of Panel Per String _____

Battery (If Any)

Battery Type _____ Brand _____
Number of Battery Attached _____
Date of Delivery _____ Signature _____


Please visit our warranty website: <https://access.greenworkspower.com/#/warranty> to complete the online warranty registration.

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- www.greenworkstools.com.

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References

- [9 Greenworks Outdoor Power Equipment, Lawn & Garden Tools](#)
- [9 access.greenworkspower.com/#/warranty](#)
- [User Manual](#)

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