

Life.  
Power.  
HUB™  
by **greenworks**

**greenworks**  
POWER



# GWU-WIFI-1.0-P



## Installation Manual

[www.greenworkstools.com](http://www.greenworkstools.com)

## 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 the 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 instruction 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](http://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 in accordance with provided instructions.
- 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.
- 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 nameplate on the module shall be maintained clearly visible.

**CE DECLARATION OF COMFORMITY**

- The product conforms to RF specifications and technical standards.
- The device complies with DOC declaration.
- The device meets the basic requirements and other relevant provisions of 2014/53/EU directive.
- The device is allowed to be used in all EU member states.

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.

## Packing List

For GWU-WIFI-1.0-P:



## Electrical Connection

### Installation steps

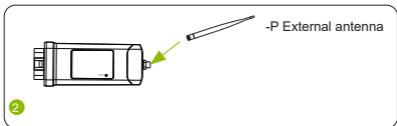
#### WARNING!

- Ensure that all power has been turned off at least 5 minutes prior to installation.

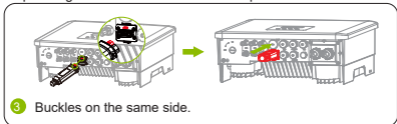
Step 1: Remove the cover of DONGLE port at the bottom of the inverter. Ready to install your GWU-WIFI.



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

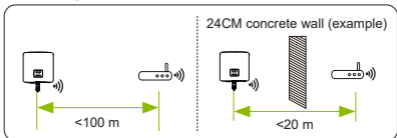


Step 3: Plug the GWU-WIFI into the correct port of inverter.



#### 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.

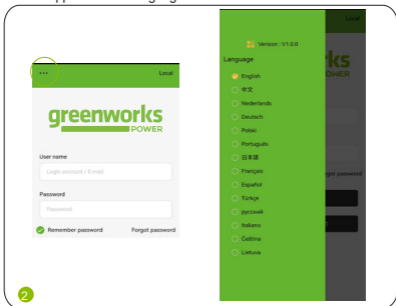
## Wi-Fi Configuration

### APP registration

Step 1: Use your smart phone to scan the following QR code or search for the keyword "gPOWER" in the browser to download the Monitoring APP.



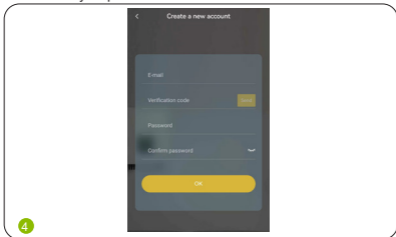
Step 2: Touch the Setting button at upper left corner of the gPOWER App to choose language.



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.

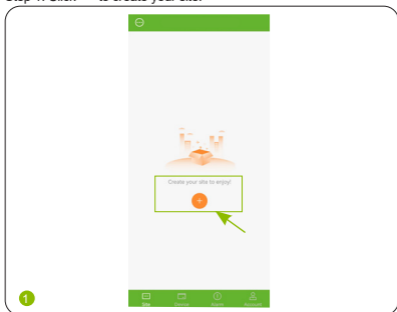


\*Note: If the registration fails, please repeat the above steps.



## WiFi connection

Step 1: Click "+" to create your site.



Step 2: Allow gPOWER to access your system location, fill in site name (self-defined), 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.

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\*Note: Select Use&Set DST if your country has summer time and winter time. Choose the following settings according to actual situations.

Type

By Week

Start time

January Positive

Week 1 Monday

15:32

End time

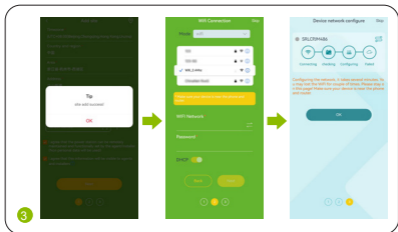
January Positive

Week 1 Monday

15:32

Save





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



\*Note: DHCP is enabled by default to distribute IP address 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
<p>Connecting</p> 	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.
<p>Checking</p> 	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.
<p>Configuring</p> 	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)
<p>Succeed</p> 	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.

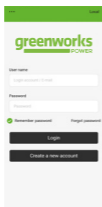
## Local mode

Use your smart phone 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.



OR



## Monitoring Connection

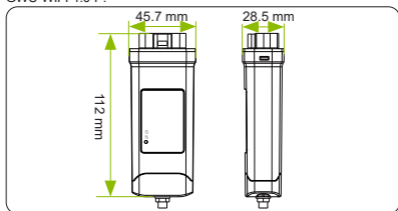
- Step 1: Ensure that your computer or laptop is connected to a network.
- Step 2: Open a browser and enter <https://access.greenworkspower.com>
- Step 3: Select your display language, then create a new account.



- Step 4: Complete registration, login, add site and other related operations.
- Step 5: Click the Warranty Manage and add your installation information to get warranty for your devices.

## Appearance and Dimensions

GWU-WIFI-1.0-P:



## 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 Registration Form

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## 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.





Greenworks North America, LLC.

Add.: 500 South Main Street, Suite 450 Mooresville, NC  
28115

Tel.: 1-888-909.6757

E-mail: [PowerHub@greenworkspower.com](mailto:PowerHub@greenworkspower.com)

