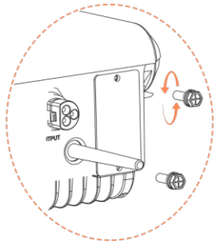
WIFI Installation Guide

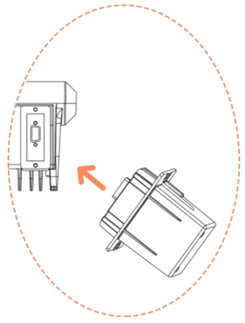
1

Remove the metal plate as shown in below Figure.



2

Take out WIFI module from fitting bag, and connect the exposed WIFI interface to DB9 terminal, and check that the connection is well with an appropriate force.



3

Open APP and choose “Bluetooth”, click BLExxxx to login. Then click the function list and choose Setting.

4

Click switch user, enter password “admin” to login with administrator account.

Click WIFI Setting to enter WIFI router name & password.

5

WIFI module need 10 to 15 seconds to connect with WIFI router.
After WIFI Setting finish, APP will show the result: “WIFI Connected” means connection successful. “WIFI Setting Failed” means connection failed.
If WIFI connection failed, repeat step 4 & 5.

6

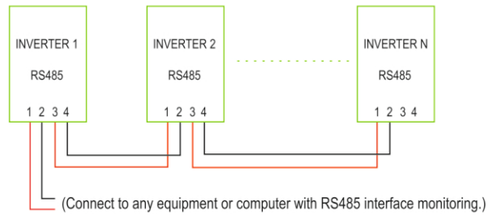
Register a cloud account refer to appendix (Referring to appendix).

7

Bind the cloud account using APP referring to the appendix.

RS485 Installation Guide

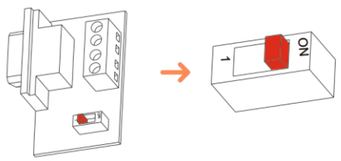
Connecting RS485 interface is shown in below picture.



1

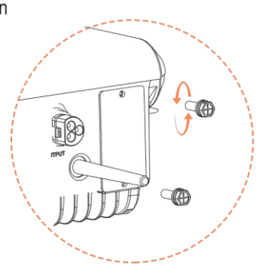
Check the red switch.

Turn the red switch to “1” for these interfaces from No.1 to No.N-1, and yet turn the red switch to “ON” for No. N interface, referring to below Figure.



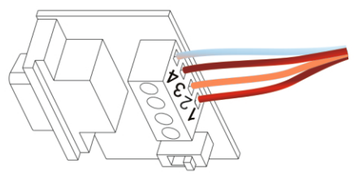
2

Remove the metal plate as shown in below Figure.



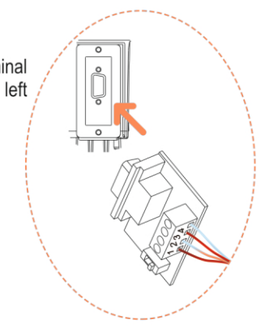
3

Remove the four locking nuts on TB1, and tighten the nuts after connecting the wires (The removed length of the insulation layer from the cable is 0.5mm).



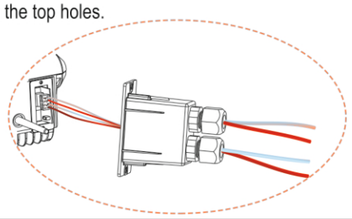
4

Connect RS485 board to DB9 terminal with component side facing the left (see below Figure).



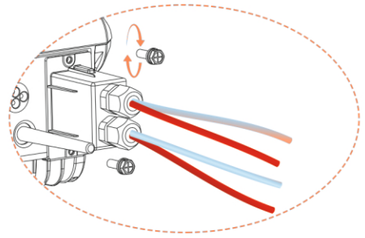
5

Remove the two waterproof connectors on the cover; Tidy up these wires as follows: wires from the 1st and 2nd holes of TB1 come out through the bottom holes, and these from the 3rd and 4th holes of TB1 come out through the top holes.



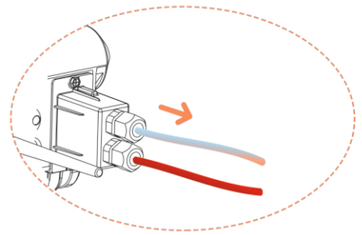
6

Lock the metal cover, and tighten the screws.



7

Tighten the waterproof connector.



8

Login APP referring to the appendix, and connect inverter.

9

Press the extended-key icon on the APP home page, select Settings icon from the menu popped up.

The extended-key is the icon "…" on the APP home page.

10

Check the Modbus address in below Figure, the default address is 1, click the revisable address, revise the address and save it.

The default address is 1, which can be modified according to the actual circumstance. The recommended modify value is 1-247.

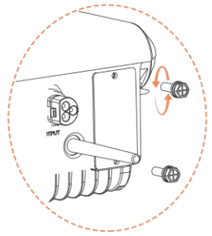
Address must be unique for the inverter having the same RS485 with other inverters.

5

GPRS Installation Guide

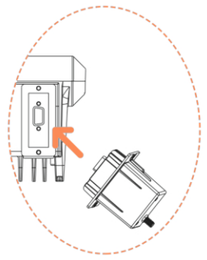
1

Remove the locking screws on the bottom of the PV inverter, and take down the metal plate.



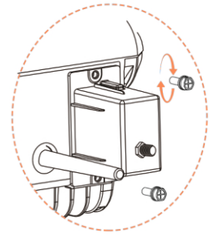
2

Connect the GPRS module to the DB9 terminal of the PV inverter, and ensure well connecting and no automatic slide.



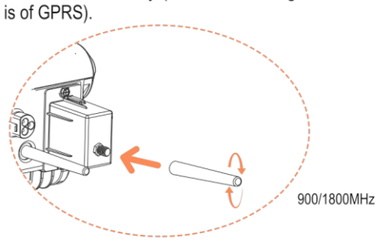
3

Tighten the screw locking GPRS module with appreciate force, otherwise the connecting will loosen or damage on the GPRS module will occur.



4

Connect GPRS antenna correctly (before connecting, double check the antenna is of GPRS).



5

Register a cloud account referring to the appendix.

6

Bind the cloud account using APP referring to the appendix; the cloud account provides access to the running data of the PV inverter.

6

Appendix

APP Download

1

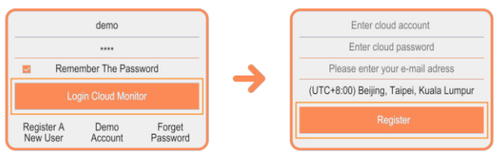
Scan APP download QR code in Quick Installation Manual to download the APP.

Register a Cloud Account

When using WIFI or GPRS modules, register a cloud account for equipment's networking monitoring, and bind the account with the PV inverter. The PV inverter's operational data will be uploaded to the cloud account after it is grid-tied. You can skip this step when you have registered a cloud account before.

1

You can access the user registration page by clicking Register icon in the APP, or inputting cloud web domain name in the browser (Find the web domain name in Quick Installation Manual) and click Register icon. Then you will be prompted for some basic registration information from the system till the end.



7

2

You will receive the registration mail. Open the mail and click activation link to activate your account and finish registration process.

2

Enter power station information, then press "Add" to scan inverter serial number barcode.

Binding Cloud Account with APP

1

Login APP with your account. Clik List icon and press "+".

3

Press Save to finish the binding process.

8