GROWATT

Growatt ShineLan-X
Quick Installation Guideline

For more info, please download from http://server.growatt.com

T +86 755 2747 1942   F +86 755 2747 2131
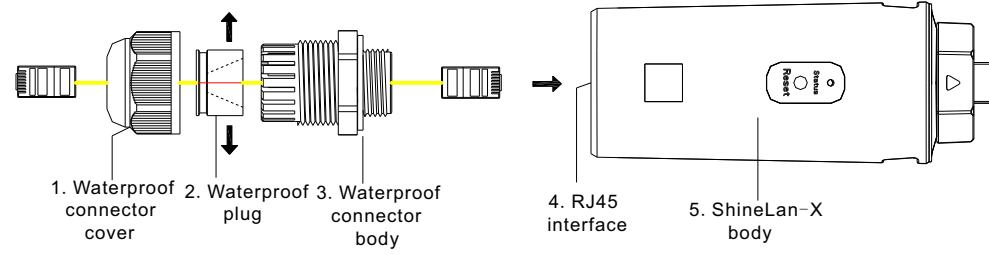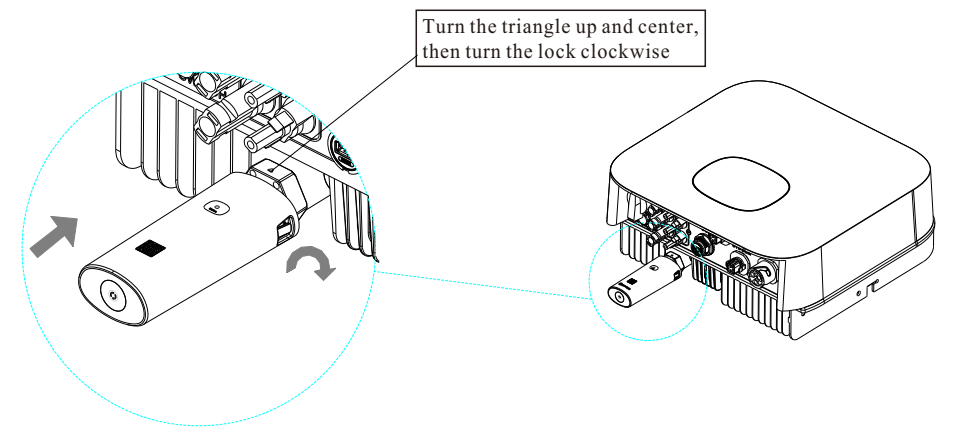
E service@ginverter.com   W www.growatt.com

Step1. Electrical connection

1. Pass the network cable through the following components (1-2-3) from left to right;
2. One side of the network cable is connected to the RJ45 port of the ShineLan-X (the connection is successful until hear a click), and the other side is linked to the router's LAN port;
3. Screw the components (3-2-1) tightly of the terminal to the inverter from right to left in sequence.

4. Rotate the USB cover of the photovoltaic device counterclockwise;
5. Rotate the datalogger locker on the upper, make sure the triangle is on the front side and in the middle;
6. Connect the datalogger to the inverter USB port, make sure the triangle is on the front side, press the locker and rotate clockwise until it is tighten.

1. Waterproof connector cover 2. Waterproof plug 3. Waterproof connector body 4. RJ45 interface 5. ShineLan-X body

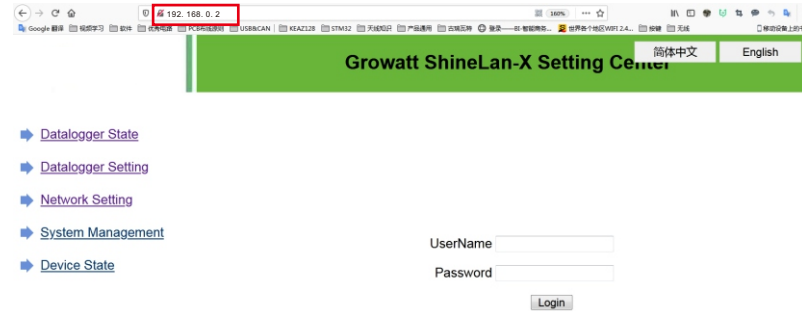Turn the triangle up and center, then turn the lock clockwise

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Step2. Turn on the inverter and configure the IP of the datalogger

After the installation of ShineLan-X is completed, turn on the inverter and configure the IP of the datalogger.
A. If the router's DHCP function is turned on, use dynamic IP, no need to configure IP(the new router's DHCP function is turned on by default), skip Step 2;
B. When customers need to use static IP in some public places such as schools and enterprises , configure it as follows:
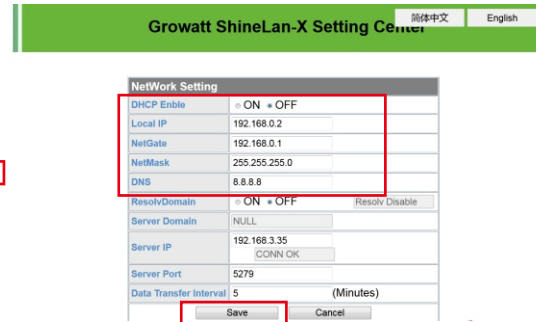1. Prepare a router whose DHCP function is turned on,link the ShineLan-X to the datalogge;
2. Enter the router's built-in interface and find the dynamic IP address of the datalogger ShineLan-X, shown as below.

3. Open the browser, enter the dynamic IP address of the datalogger ShineLan-X in the browser address bar, and enter the built-in interface of the datalogger (account: admin,password: admin).
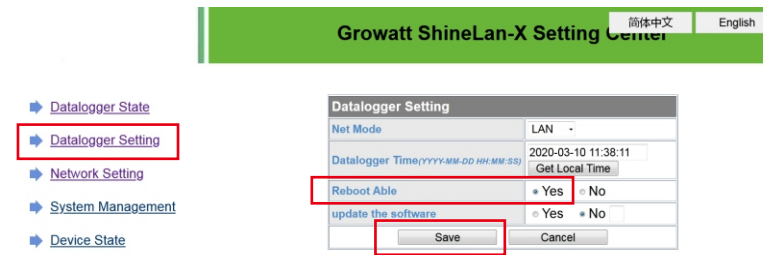

UserName
Password
Login

4. Enter the'Network Setting' page, turn off the DHCP enable of the datalogger, and enter the static IP, gateway, mask, DNS.Then click to save.

5. Enter the 'Datalogger Setting' page, enable the reboot function, and click Save. The static IP setting of the datalogger is successful.
Note: If you have forgotten the static IP you have set before, there are two ways to reset the static IP address:
a) Long press the reset button of the datalogger ShineLan-X until all the three LEDs always on, then release the button. Afterrestoring the factory settings, you can reset the static IP according to Step 2.
b) The computer and the datalogger ShineLan-X are directly connected through a network cable. Set the computer IP address to 192.168.0.2, the mask is 255.255.255.0, and the gateway is 192.168.0.1, Then open the computer browser and enter 192.168.0.254 in the browser address bar to enter the built-in interface settings of the datalogger.

Step3. Check connection status

When installing the ShineLan-X for the first time, the blue LED flashes, indicating that ShineLan-X communicates normally with inverter, routers, and servers.

LED flashing status description

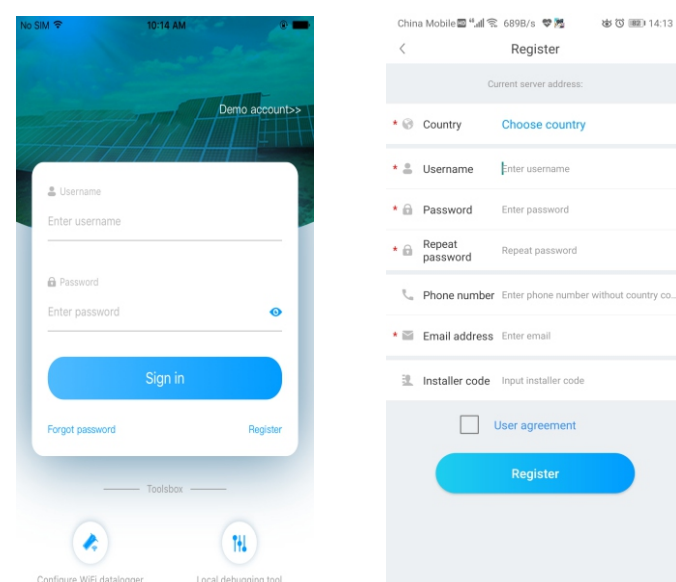| Flashing status	Status
All three LEDs are off	The USB connection with inverter is error
Only the red LED flashes	The communication between ShineLan-X and the inverter is normal
Only the green LED flashes	The communication between ShineLan-X and the inverter and router is normal
Only the blue LED flashes	The communication between ShineLan-X and the inverter, router and server is normal

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Step4. Register to add a device

Scan the QR code below, or search for "ShinePhone" in Google Store or Apple Store to download and install the APP.
Note: 1. Make sure you have the latest software;
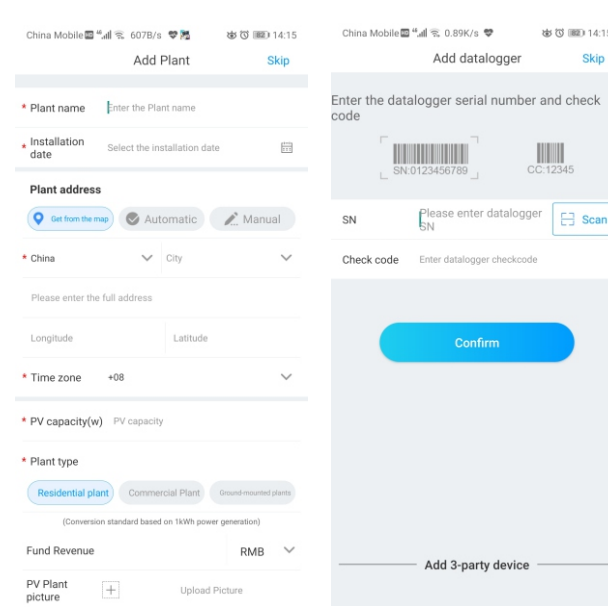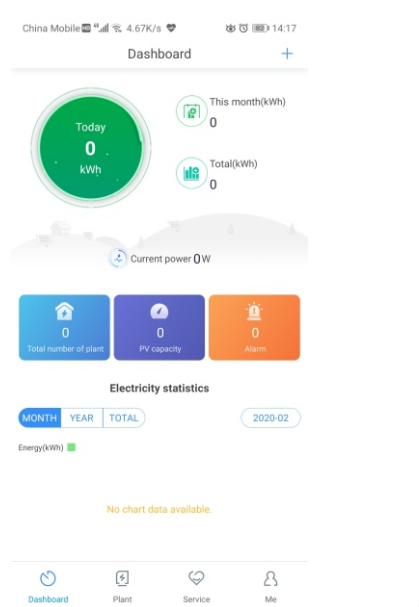2. Please refer to http://server.growatt.com for details.

【Android & iOS】

1. Run ShinePhone, enter the login page, and click "register" to enter the user account registration interface.
Note: The mobile phone is a voucher to retrieve the password and other important functions. Please fill in the real mobile phone number.
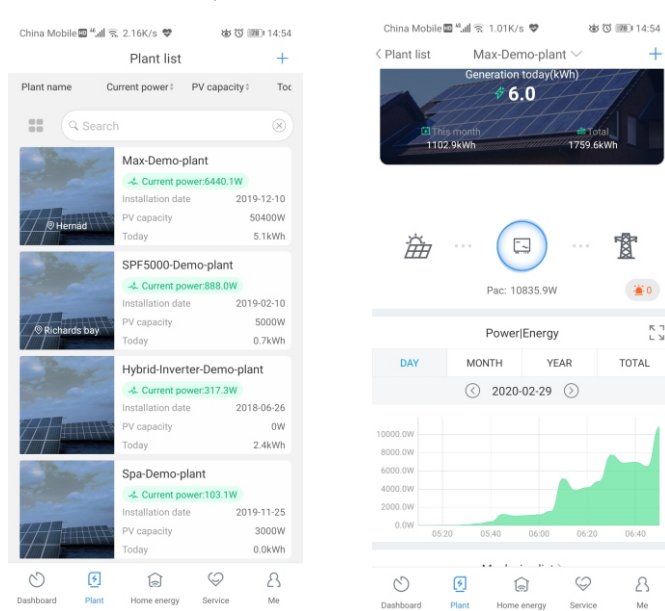

2. After the user account registration is completed, continue to create the plant and add the corresponding datalogger to the corresponding plant.
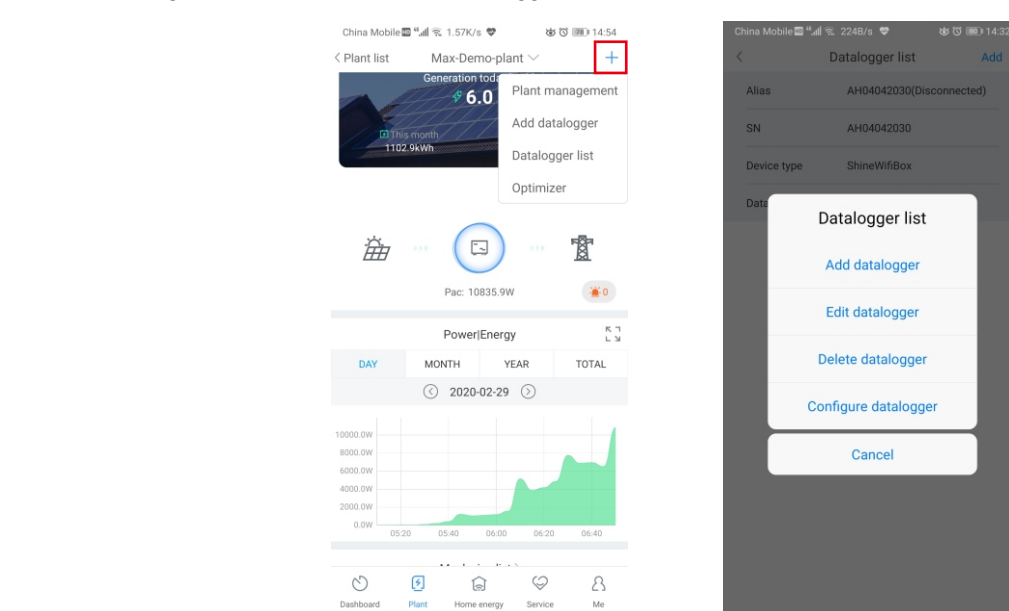

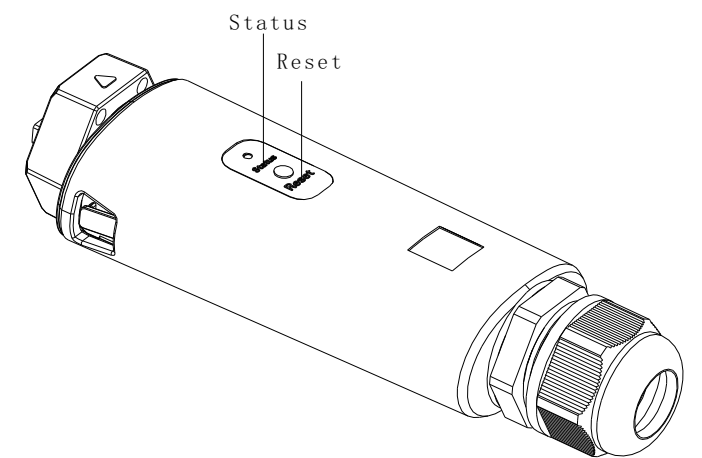3. After successful registration as prompted, it will automatically jump to the main interface of the APP.

4. Click "Plant" in the lower tab bar to jump to the plant list interface, and click the corresponding plant to view the generation, power and the other parameters of each inverter under each plant.

5. If you need to add , view , delete the datalogger or add a plant, please click the "+" in the upper right corner.
Note: If the datalogger needs to change the account monitoring, you need to delete the datalogger under the original account, then add the datalogger under the new account.

Step5. The picture of product

Status
Reset

Appendix: Quick troubleshooting

The status of LED	Working condition	Quick troubleshooting
All three LEDs off	The USB connection with inverter is error	Replug the datalogger
Green LED flashes	The communication between ShineLan-X , the inverter and router is normal, but the communication with the server fails.	Check if the router can access the Internet
Blue LED flashes	The communication between ShineLan-X , the inverter, router and server is normal	Normal operating conditions
Green LED light is always on	ShineLan-X failed to communicate with the router	1. Network cable is not connected; 2. Restart the router and confirm that the router's automatic IP allocation function is available; 3. If using the static IP address, please check whether the IP address is consistent with the network segment set by the router.

ShineLan-X button description

Button operation	Description
Long press the button until the three LEDs always on, then release it	Reset the collector and restore the factory settings (factory default is dynamic IP)