GROWATT

Growatt ShineLink-X

Quick Installation Guideline

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

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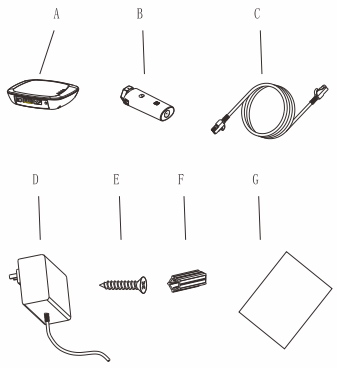
Some advantages of installing the datalogger and keeping it online:
1.Real time monitoring;
Get the health status of the PV plant;
Receive the regularly reminder like daily reports, monthly reports and other free services.
2.Intelligent Operation and Maintenance:
Get the one-click diagnosis function to easy the troubleshooting;
Support the remote upgrade and parameters setting.

Step1 Unpacking

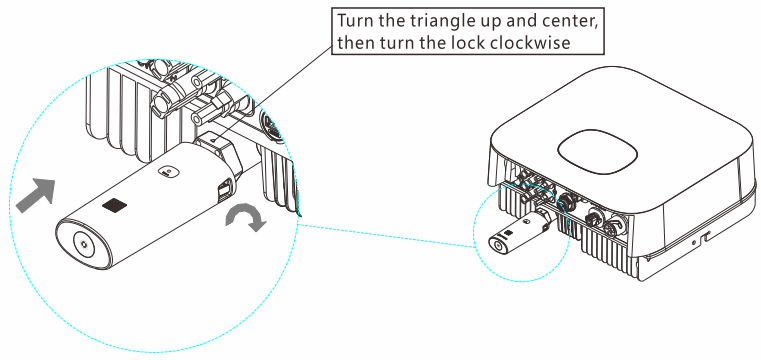
Unpack the box and take out ShineLanBox, ShineRFStick-X and other accessories, list as following.



Item	Name	Quantity
A	ShineLanBox	1
B	ShineRFStick-X	1
C	Network cable	1
D	Power adapter	1
E	Fixing screws	2
F	Wall plastic posts	2
G	User manual	1

Step2 Electrical connection

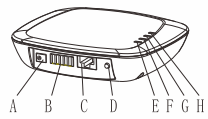
1. Rotate the USB cover of the photovoltaic device counterclockwise.
2. Rotate the datalogger locker on the upper, make sure the triangle is on the front side and in the middle.
3. Connect the datalogger to the inverter USB port, make sure the triangle is on the front side, press the locker and rotate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



After the installation , if the LED light of ShineRFStick-X flash quickly, it means installation works. If the LED light is off, please recheck the connection between ShineRFStick-X and inverter.

ShineRFStick-X's LED status	Status of the ShineRFStick-X
Always on	The ShineRFStick-X is initialing
Always off	Loose connection
Flashing quickly(every 0.2 second)	USB port find the inverter
Flasing slowly(every 1 second)	Connection works

ShineLanBox Electrical Connection



Item	Name	Description
A	Power input	Connect to the power adapter
B	RS 485	Resaved
C	RJ 45	Connect to the network
D	Key	Function key
E	Configuration LED	Configuration the device
F	Device LED	Device number connected
G	Network LED	Connecting the network
H	Power LED	Connecting the power

Connect ShineLanBox's RJ45 port to the router, then plug in ShineLanBox with power adaptor.
After initialization of ShineLanBox, the power LED is on, the network LED is on and the device LED flashing frequently. The power LED is on means it connected to power supply, the network LED is on means ShineLanBox connected to internet, the flashing of Device LED means device works, the time of flashing means the number of RF.

ShineLanBox LED lights	Status of working condition
Power light	The light is on means power is on
Web light	Flashing means connect to router, on means connect to web
Device light	Time of frequently flashing means the number of device connect to ShineLanBox
Paired light	Flashing when pairing, go off if pairing successes

Step3 Use built-in page

Visit the ShineLanbox built-in page.
1. Connect the PC and the ShineLanBox LAN port to the router's network port through the network cable, so that they are in the same LAN.
2. Refer to the router's user manual, enter the router's management page, view the "Internet Hosts List", and query the IP address with the serial number of ShineLanbox as the name of the connecting device. This IP address is the IP address assigned to ShineLanBox by the router.
Note: The router needs to enable the automatic IP allocation function and DHCP function.
3. Enter the ShineLanBox IP address in the browser to enter the ShineLanBox built-in page.
Note: The login user name is admin, and the password is the ShineLanBox serial number verification code, that is, the 5-digit CC code on the ShineLanbox label.

4. Click "Data Collector Status" to view ShineLink "System Status Information", "Serial Number", "Server Address", "Number of Connected Devices" and other information

5. Click "Data Collector Settings" to modify the login password of the built-in page in the "Login Password" field.

Step4 Vulnerability disclosure policy

https://www.yuque.com/kennedylam/xnmq2n/bx0uowhx7ie7w0ln/edit

Step5 After sales support period

5 years.

Step6 Delete data

1.Reset ShineLanbox

Purpose of resetting collector:
(1) Erase all the pairing records
(2) ShineLanBox IP changes to Automatic
Steps of resetting collector:
Press ShineLanBox button for more than 6 seconds, until all the four LED lights are on, then release the button, at this time all the setting had been erased. After resetting need repairing ShineLanBox and ShineRFStick-X , please refer to Tips1 above.

2. Clear collector records
Set "Clear Collector Record" on the server ShineLanbox setting interface, and ShineLanbox will restart. At this time, the configuration information of ShineLanbox and ShineRFStick-X has been cleared.

Step7 Privacy policy

https://server-cn.growatt.com/userTerms/termsOfYinsi_cn_new.pdf