

## Growatt ShineLink Quick Installation Guideline

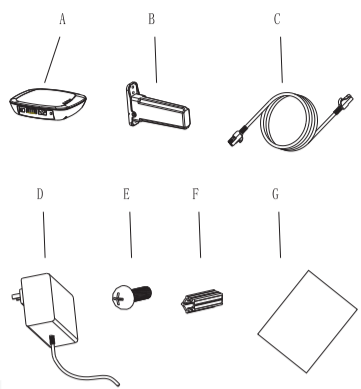
For more info, please download from <http://server.growatt.com>

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### Step1. Unpacking

Unpacking, and check the package device list:



Item	Name	Quantity
A	ShineLanBox	1
B	ShineRFStick	1
C	Network	1
D	Power adapter	1
E	Fixing screws	4
F	Wall plastic posts	2
G	User manual	1

### Step2. Electrical Connection

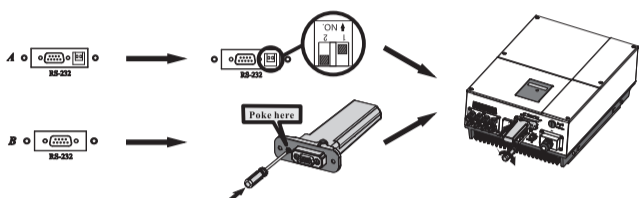
#### 1> ShineRFStick Electrical Connection

Take the waterproof plate down from RS-232 port of the inverter

**A** If the RS-232 port of the inverter likes the specification A as below, please turn on pin 1 of the DIP switch, then plug the Growatt ShineRFStick to the inverter directly via the RS-232 port and lock the screws;

**B** If the RS-232 port of the inverter likes the specification B as below, please poke the rubber plug in the waterproof cushion of the Growatt ShineRFStick, then plug the ShineRFStick to the inverter via the RS-232 port and lock the screws.

#### 2> ShineLanBox Electrical Connection



**C** Power on the inverter, observe the blue led in the ShineRFStick, if the led on and then turn to flash, it means ok, otherwise means you should check the installation.

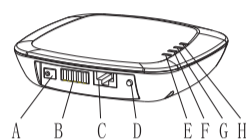
Blue LED status:

Solid on: device is initializing

Solid off: no device found on RS232 port

Flashing fast (change every 0.2s): Found device on RS232 port

Flashing slow (change every 1s): network communication normally



Item	Name	Description
A	Power input	Connect to the power adapter
B	RS 485	Reserved
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 the RJ45 interface of the ShineLanBox to the router ,then plug in the power adapter to power on the ShineLanBox.

After power on, the Power LED on, Network LED flashing, then the ShineLanBox start to search the RF device and connect to the server. Network LED on means connect to the server ok, device LED flashing means devices connect ok. If there are more than one RF device, please note the device LED continuous flashing times, it means the connected devices number.

Note:

- 1.Power LED : connecting the power
- 2.Network LED : connecting the network
- 3.Device LED: the number of the LED continuous flashing means the device number connected to the ShineLanBox
- 4.Configuration LED: flashing when configuration , if successful , the LED will be off.

### Step3. Use ShineLink

Search "ShinePhone" in google play or app store, or scan the picture below, download and install the app.

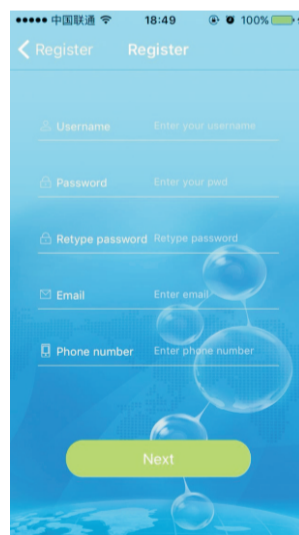


【Android&iOS】

NOTE: 1.Be sure to install the latest version of the software;  
2.For more details, please refer to the content on <http://server.growatt.com> .

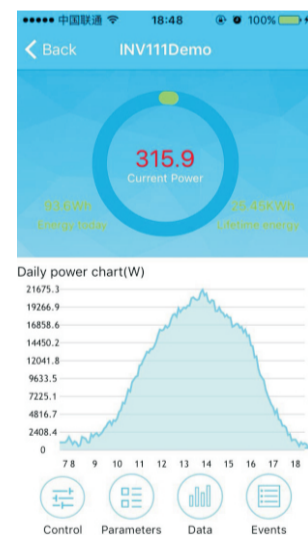
1.Run ShinePhone, please register a new user if is the first time. When entering SN ,Please enter the ShineLanBox SN , not the ShineRFStick SN.

2.Input the user name and password to log in.



3.Into the device page, check the device number configured and the status.

4.Put the device list to the detail page, check the device parameters.



### Append

#### Add new ShineRFStick:

Short press the button of the ShineRFStick and ShineLanBox , entering the configuration mode, if successful, the configuration LED of the ShineLanBox will be off ,and the blue LED of the ShineRFStick will flash slowly.

Note:

1.Pressing the button of the ShineLanBox for more than 6 seconds until the four LED flash will clear the configuration information .

2.About the distance between the ShineLanBox and the ShineRFStick, the maximum linear distance is 200m if there is no obstructions between them; the maximum distance is 50m if there is one wall between them; the maximum distance is 20m if there are two walls between them.

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.

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.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. such modifications could void the user's authority to operate this equipment. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.