



LeadSolar Monitoring System
User Manual

Dec 18, 2013
Ver 2.0

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1. Quick Installation

1.1. How it works?

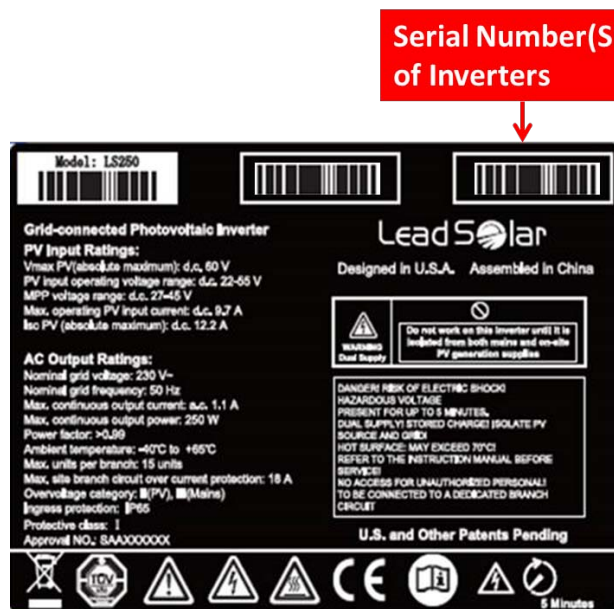
- Take three easy steps to register online at www.lead solarenergy.net



- After registration is completed, the gateway will be permanently associated with the registered micro-inverters.
- During the registration, the system will activate the gateway and micro-inverters for online monitoring. The gateway is configured only to monitor the associated devices under the same user account and will not work with any other unregistered devices.
- To protect the customer's privacy once registered the gateway can not be used to monitor other users' devices.

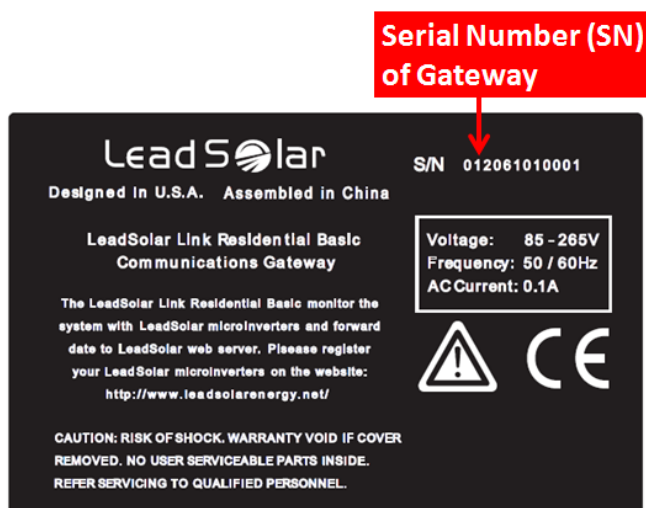
1.2. Finding the right number for registrations

You can find the Serial number (SN) of the Micro-inverters at the right corner of the label on the device.



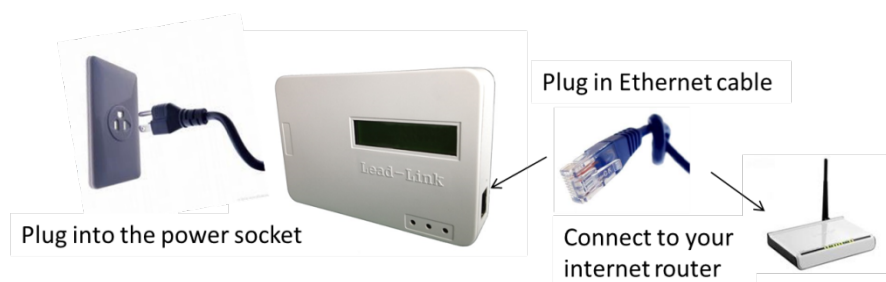
The Serial Number for the gateway is marked on the label on the back of the gateway as

shown below:



1.3. Installing the gateway

Please refer to the following diagram for a quick installation of the Leadsolar Link:



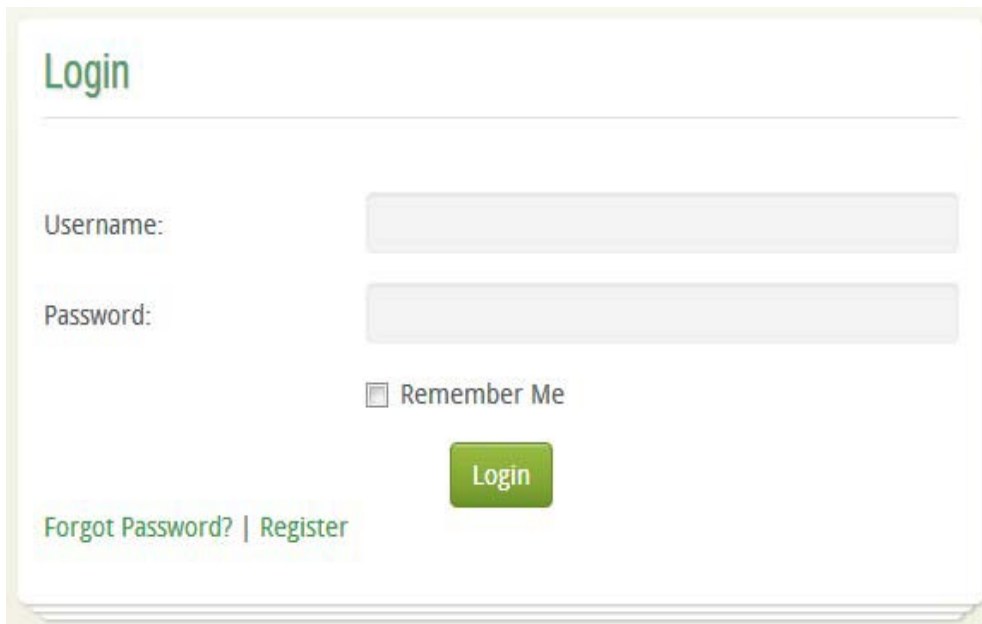
- Please try to plug Leadsolar Link to the closest socket to the junction box where you make the solar system connection.
- Connect the Leadsolar Link and your router using an Ethernet cable. Please configure your router to a DHCP mode so an IP address can be automatically assigned to Leadsolar Link.
- The three indicator lights at the front panel show the status of Leadsolar Link:
 - The **yellow** light: the power is connected.
 - The **green** light: Internet is connected.
 - The **red/green** light: communication is ON.

2. Registration

2.1. Register new account

Before activating a solar panel that contains a LeadSolar Microinverter, please register the microinverter on the online monitoring platform first.

- Go to www.leadsoleenergy.net. The system supports the latest version of IE, Firefox, and Chrome.
- Click the 'Register' button at the bottom.



The image shows a login form with the following elements:

- Header:** The word "Login" is displayed in a green font at the top left.
- Form Fields:** There are two input fields: "Username:" and "Password:". Both fields are currently empty.
- Remember Me:** A checkbox labeled "Remember Me" is located below the password field.
- Login Button:** A green button with the text "Login" is positioned below the "Remember Me" checkbox.
- Footer:** At the bottom left, there are two links: "Forgot Password?" and "Register", separated by a vertical bar.

It will take you to this registration page:

Choose Image:

First Name:*

Last Name:*

Address:*

City:*

State:

Country:*

Zip code:*

Contact No.* +

Domain Name:
For LeadSolar Link Utility

Email:*

Password:*

Security Question:*

Answer:*

Spam Check*

[Back](#)

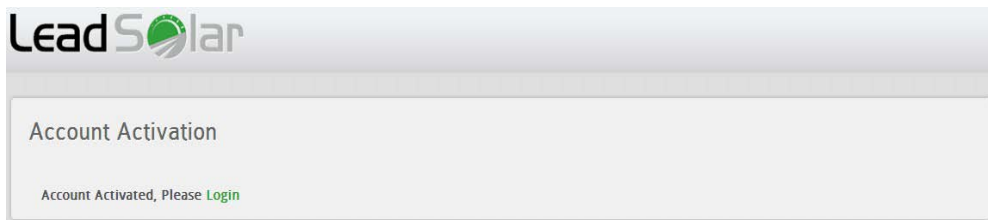
- Fill in all required fields (indicated by a green asterisk). Then click the “Create Account” button. (Note: the domain name field is optional.)

Registration Successful

Note: An email has been sent to your registered Email ID. Please click on verification link in your email to activate your account.

[Back to Login](#)

- Check your email for the verification link. Click the link provided -- you will be redirected to this webpage:



- Now you can click on the 'Login' button to login the monitoring system.

2.2. Forget Password

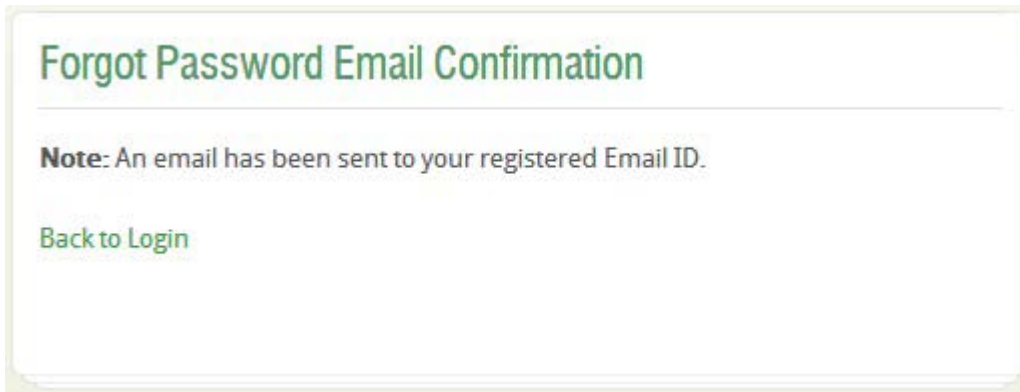
This feature can help you to retrieve your password. Password will be send to your email.

A screenshot of the 'Forgot Password' form. The title 'Forgot Password' is at the top. Below it, the text 'Please enter your email address: *' is followed by an empty text input field. A green 'Next' button is positioned below the input field. A green 'Back' link is located at the bottom left. At the bottom center, the copyright notice '© 2013 LeadSolar Energy Co., Ltd.' is visible.

You need to answer the security question.

A screenshot of the 'Security Question' form. The title 'Security Question' is at the top. Below it, the text 'Security Question: *' is followed by the question 'In what city does your nearest sibling live?'. Below the question is an empty text input field. A green 'Next' button is positioned below the input field. A green 'Back' link is located at the bottom left.

Click on the 'Next' button, and go to the next information page.



Note: You should go to your email box, and get the password, and then you can use the email ID and the password to login the monitoring system.

3. Normal User Account

3.1. Login

Go to the URL: www.leadsoleenergy.net to access to the monitoring system.

A screenshot of a web page titled "Login". The title is in a green font. Below the title, there are two input fields: "Username:" and "Password:". Below the "Password:" field, there is a checkbox labeled "Remember Me". Below the checkbox, there is a green button labeled "Login". At the bottom left, there are two green links: "Forgot Password?" and "Register". The entire form is enclosed in a light green border.

Input your username and password (Note: you should register a new account, and activate it. Optional Choice: click "Remember Me" and let the system to remember your username and password.), then Click the 'Login' button. The first time you login, you will see "Device Management" registration page. Login page will take you to your system dashboard.

Dashboard **Device Management** My Account Tech Support Contact Us


Registration

LeadSolar Link Serial #:*

LeadSolar MicroInverter Serial #:*

3.2. Device Register

You should provide all required field information. You also need to upload image first before register the gateway. This page will fill in your registration address by default. You can change address details if needed. In case of error, please contact with Administrator.



Choose Image:

LeadSolar Link S.No:*

Address:*

State:*

Zip code:*

Installed Date:*

City:*

Country:*

3.3. Add microinverter

Before adding inverters, you should first register at least a gateway.

Select a gateway and add multiple inverters. Please make sure data (inverter Serial NO.) is valid. Each gateway supports maximum 30 inverters.

Registration

LeadSolar Link Serial #:*

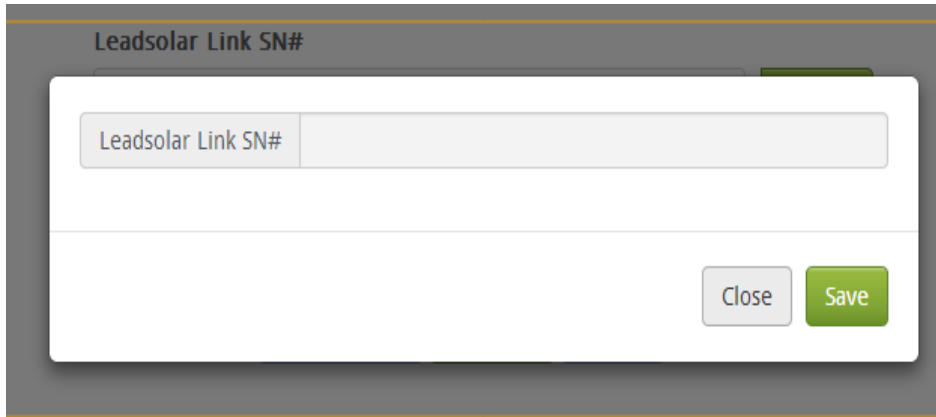
LeadSolar MicroInverter Serial #:*

Note: After adding micro-inverter to binding with your gateway which registered on your account, you should go to “My Profile” to check your installer’s information

3.4. Device Management

3.4.1. Gateway Replace

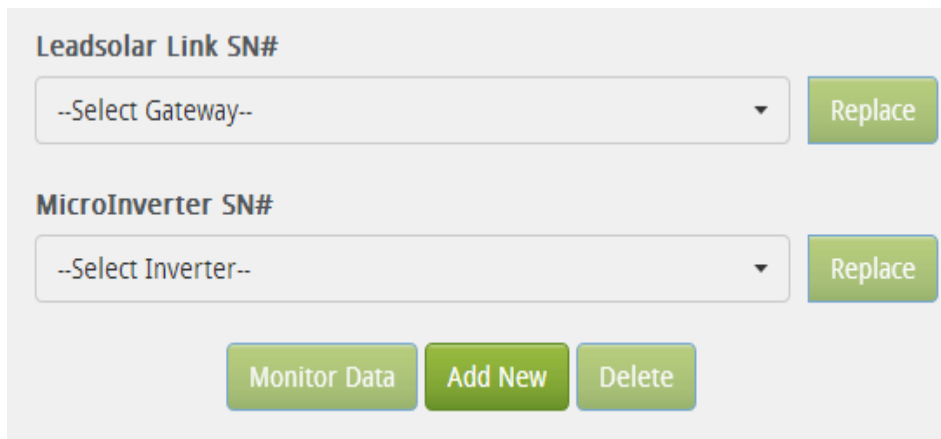
You can replace your gateway with another gateway. But you can't delete the gateway from normal user account. You need to select a gateway first before replacement.



The screenshot shows a modal dialog box titled "Leadsolar Link SN#". It contains a single text input field with the placeholder text "Leadsolar Link SN#". Below the input field, there are two buttons: a grey "Close" button and a green "Save" button.

3.4.2. Inverter Management

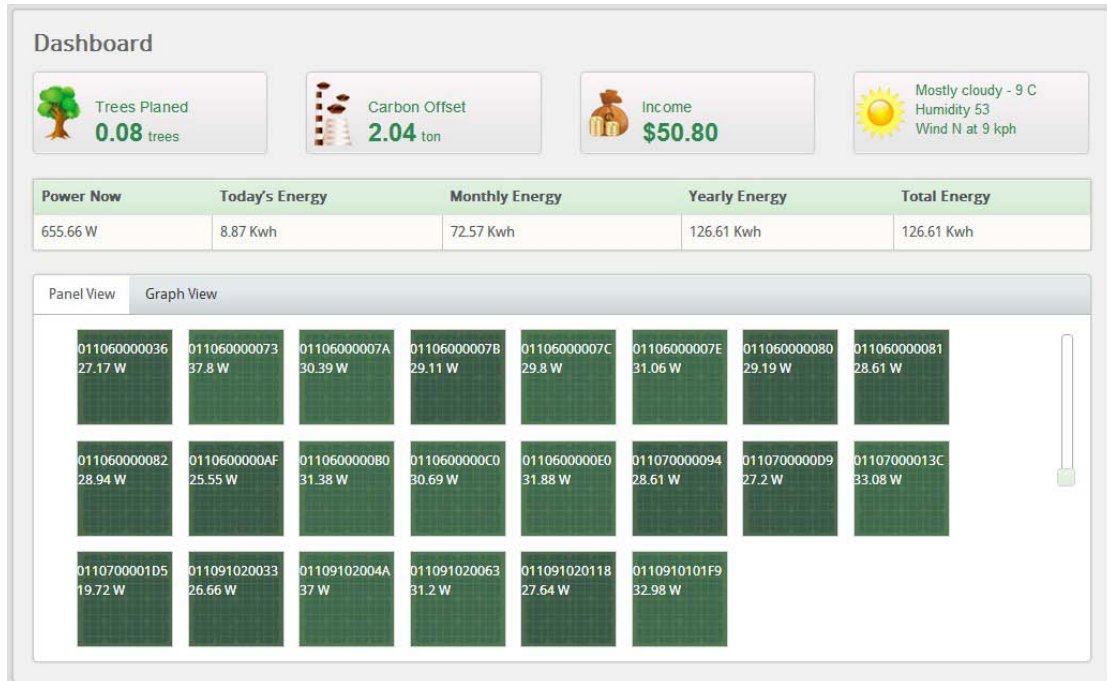
You also can replace inverter with new one, and also can delete inverter from your account.



The screenshot displays the "Inverter Management" interface. It includes two dropdown menus. The first is labeled "Leadsolar Link SN#" and contains the text "--Select Gateway--". The second is labeled "MicroInverter SN#" and contains the text "--Select Inverter--". To the right of each dropdown is a green "Replace" button. At the bottom of the interface, there are three green buttons: "Monitor Data", "Add New", and "Delete".

3.5. Dashboard

3.5.1. Dashboard displays complete details of user account



3.5.2. Environmental benefits and economic benefits

This section displays the environmental benefits and economic benefits, as well as weather information.



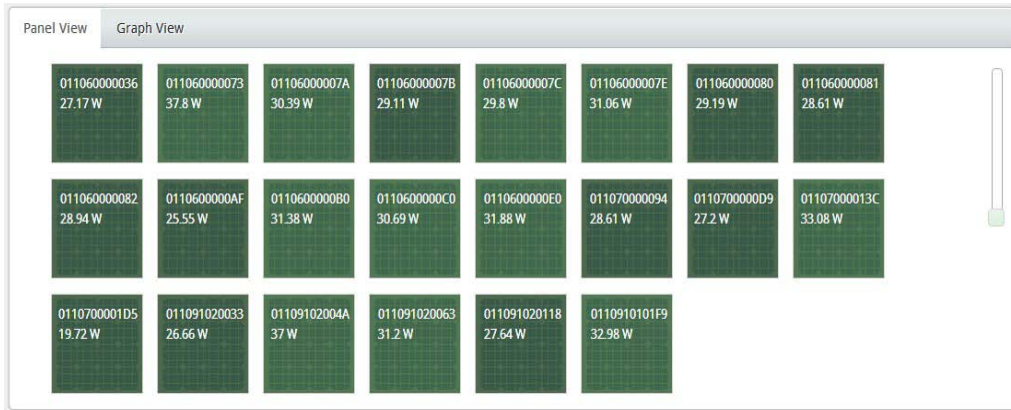
3.5.3. Power Details

This section displays the complete power details. It consists of Total inverters current power, Today's power, Month power, Year power and total power.

Power Now	Today's Energy	Monthly Energy	Yearly Energy	Total Energy
655.66 W	8.87 Kwh	72.57 Kwh	126.61 Kwh	126.61 Kwh

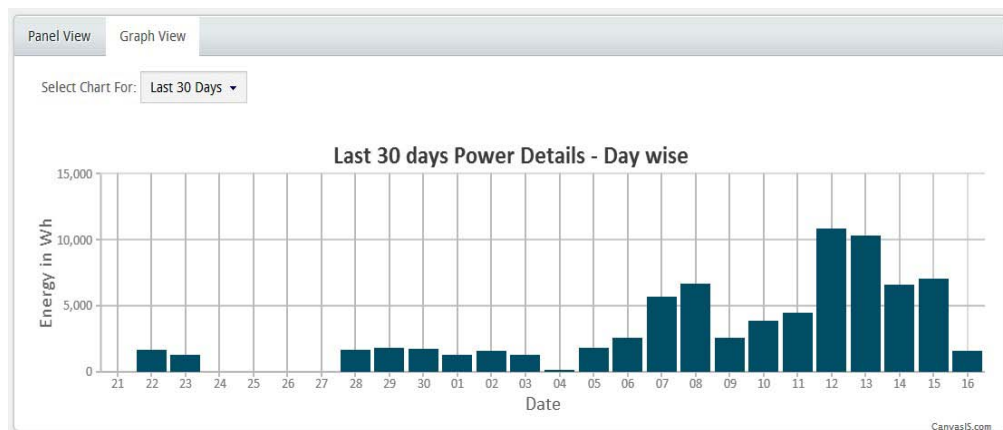
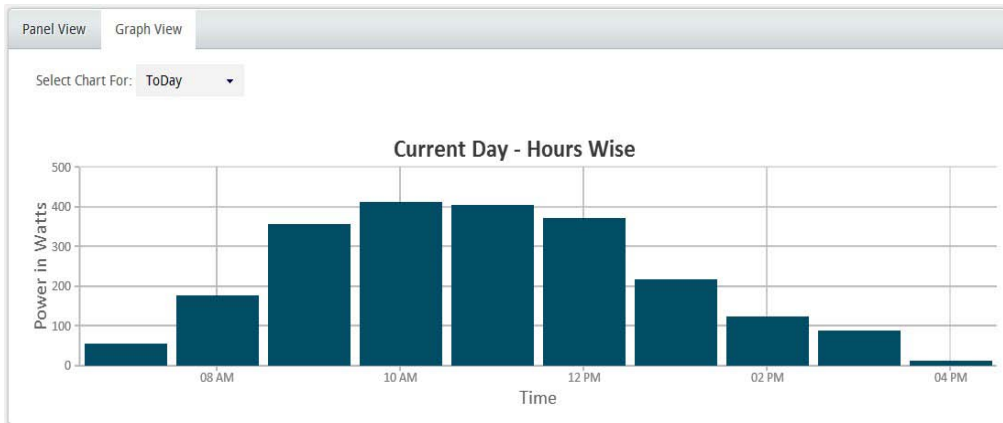
3.5.4. Panel view

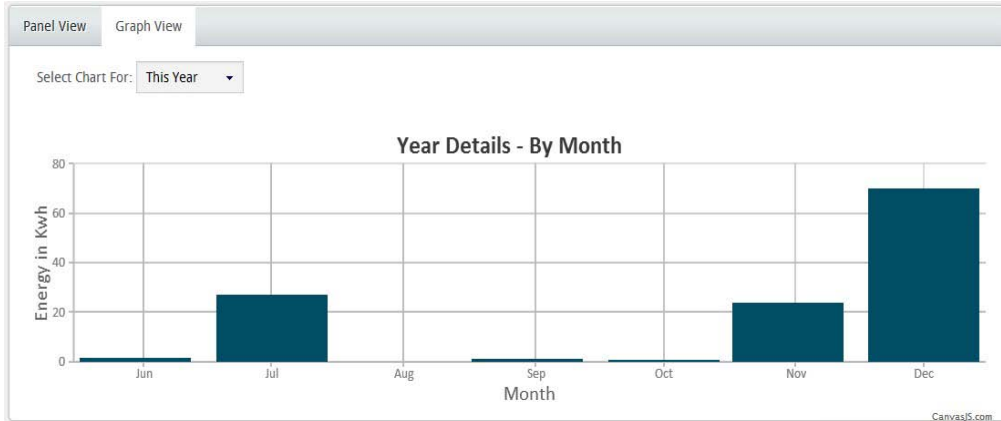
This section displays information of all inverters, including the inverter's SN, current output power (unit: watt), working status, and the energy for Today/Last Week/This Month/This Year/Total mode. By default, the panel only displays the Inverter's SN and current output power (unit: watt), and put mouse pointer on the panel, it displays all information.



3.5.5. Graph View

This section displays the power graph for Today/Last 30 Days/ This Year mode.





3.6. My Account

3.6.1. My Profile

This part displays the detail information of the user, and he can update his personal information.

Field	Value
First Name:	LeadSolar
Last Name:	WuXi
My installer ID:	125
Address 1:	530 Mansion A308, Qingyuan Road, Wuxi New
City:	WuXi
State:	Jiangsu Province
Country:	China
Zip code:	214135
Contact No:	8651081817466
Email:	leadsolar2012demo@gmail.com
Is Installer?:	<input type="checkbox"/>
User's Installer:	leadsolar2012@gmail.com

Note: After you finish inverter registration, you need to confirm his installation information. Then you should select the right installer's email ID or the installer ID, and you need to ensure all information of your installer is correct, then click on the 'update' button to update it.

3.6.2. Change Password

This section is used to change password.

Field	Value
Old Password:	
New Password:	
Confirm Password:	

3.7. Tech Support

3.7.1. Manual

You can down load user manual on this page.

3.7.2. FAQ

You can find frequently asked questions on this page.

3.7.3. Tech Papers

You can down load technical documents of leadsolar products.

3.8. Contact US

3.8.1. Installer Info

You can find contact information of your installer on this page.

3.8.2. Technical Support

You can find contact information of leadsolar technical support team on this page.