



**LeadSolar Monitoring System
Installer Manual**

Oct 10, 2016

Ver 2.2

Contents

| | |
|--|-----------|
| 1. Quick Installation..... | 3 |
| 1.1. How it works?..... | 3 |
| 1.2. Finding the right number for registrations..... | 3 |
| 1.3. Installing the gateway | 4 |
| 2. Registration..... | 5 |
| 2.1. Register new account | 5 |
| 2.2. Forget Password..... | 7 |
| 3. Create Installer Account | 7 |
| 3.1. Login:..... | 7 |
| 3.2. Forgot Password:..... | 8 |
| 3.3. Security Question: | 错误!未定义书签。 |
| 4. Overview | 8 |
| 4.1. Installer Details: | 8 |
| 4.2. Customer Details: | 9 |
| 4.3. Dashboard: | 10 |
| 4.4. Power Details: | 10 |
| 4.5. Panel View:..... | 10 |
| 4.6. Power View:..... | 11 |
| 4.7. Energy View | 11 |
| 4.8. Monitor: | 13 |
| 4.9. Alerts: | 13 |
| 4.10. My Account: | 14 |
| 4.11. Change Password: | 15 |

1. Quick Installation

1.1. How it works?

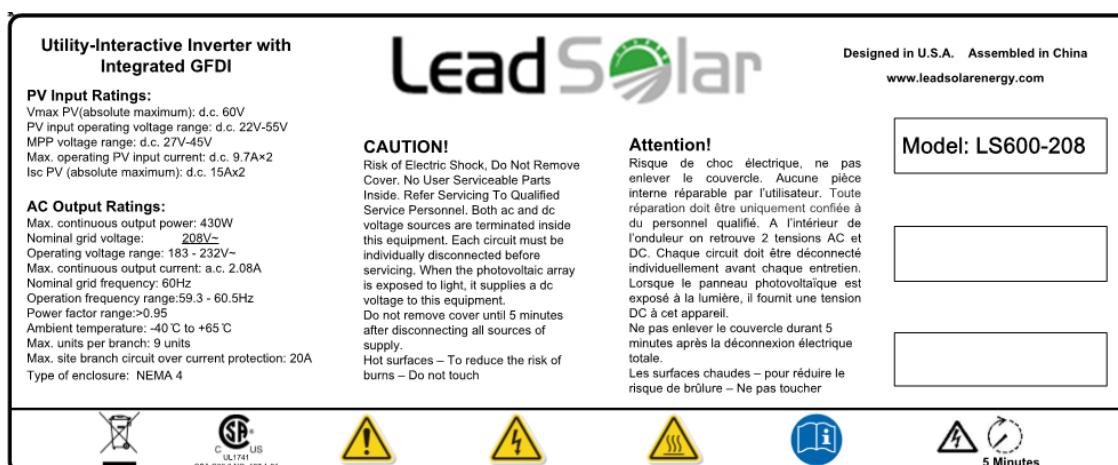
- Go to www.lead solarenergy.com and login the monitoring platform by fast link: SMART GRID MONITORING:



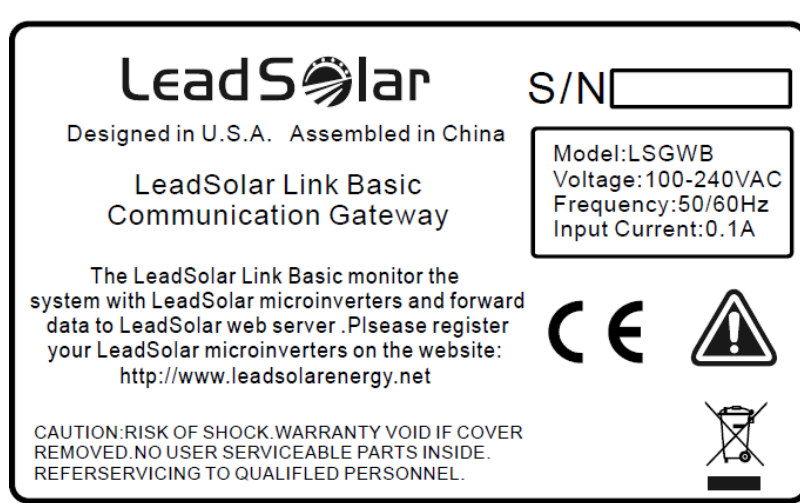
- After registration is completed, the gateway will be permanently associated with the registered microinverters.
- During the registration, the system will activate the gateway and microinverters for online monitoring. The gateway is configured only to monitor the associated devices under the same user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

1.2. Finding the right number for registrations

You can find the ID 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 install LeadSolar Link to the junction box where you make the solar system connection.
- Connect the LeadSolar Link and your router using an Ethernet cable. Or you can login in the built-in webpages of LeadSolar Link and configure it to connect to your router by WiFi.
- Please configure your router to a DHCP mode so an IP address can be automatically assigned to LeadSolar Link.

2. Registration

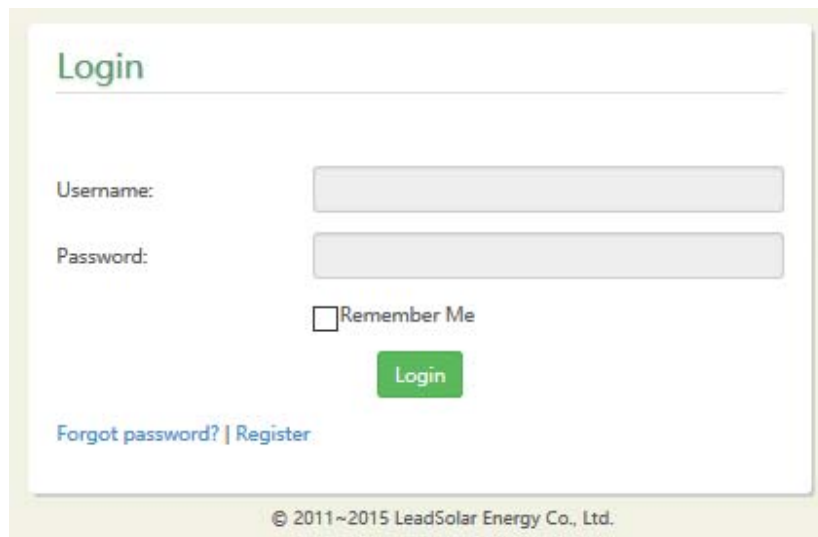
2.1. Register new account

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

- Go to www.lead solarenergy.com and login the monitoring platform by fast link: SMART GRID MONITORING:



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

The image shows a screenshot of the LeadSolar login page. The page has a light green border. At the top left, the word "Login" is written in a green font. Below it are two input fields: "Username:" and "Password:". Below the password field is a checkbox labeled "Remember Me". A green "Login" button is positioned below the checkbox. At the bottom left of the form area, there are two links: "Forgot password?" and "Register". At the bottom center of the page, there is a copyright notice: "© 2011~2015 LeadSolar Energy Co., Ltd."

It will take you to this registration page:

Registration

First Name:*

Last Name:*

Email:*

Password:*

Role:*

Street Address:*

City:*

Country:*

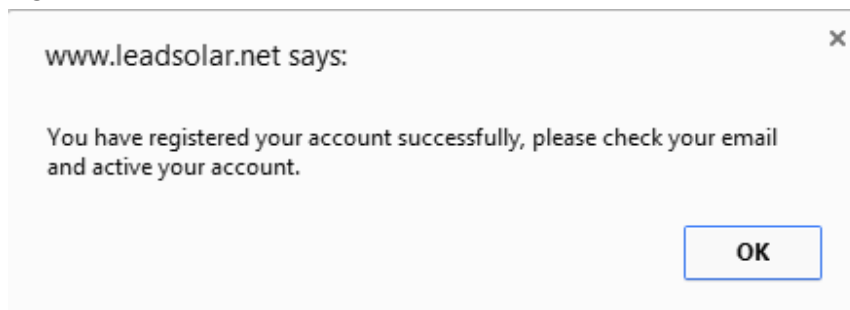
State/Province:

Zip/Postal Code:*

Phone:*

[Back](#)

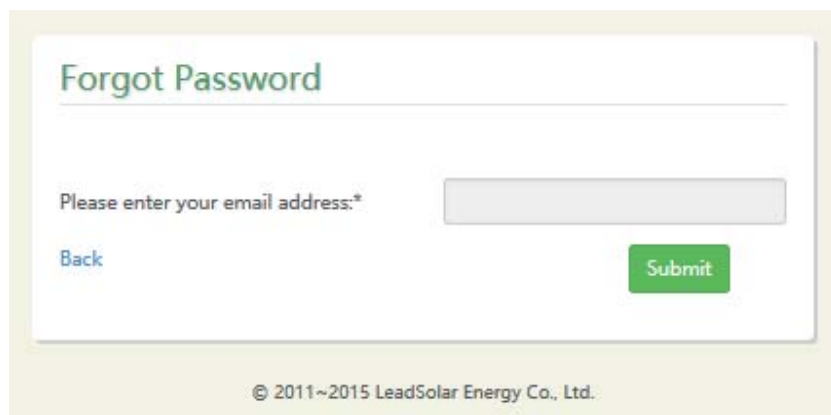
- Fill in all required fields (indicated by a green asterisk). Please note, you should choose “Installer” as your role.
- Then click the “Create Account” button.



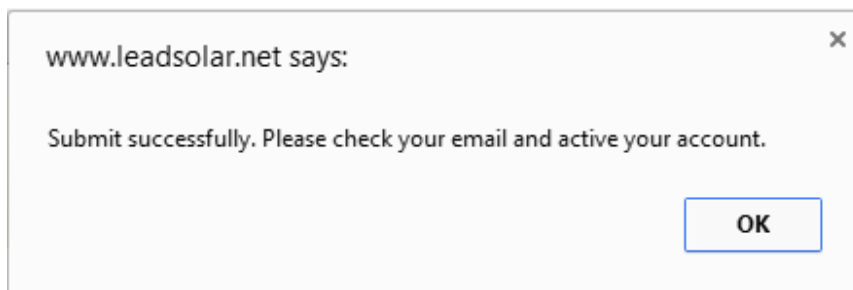
- You will receive an email after registering. You cannot activate your account by yourself. Our engineer will activate it for you.

2.2. Forget Password

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



Click on the 'Submit' 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. Create Installer Account

3.1. Login:

- Input a valid username & password in order to enter into Lead solar system.
- Remember me – Will save the user name & password in browser cookie.

Login

Username: spzhou@leadsolar.com.cn

Password: ●●●●●●●●

Remember Me

Login

[Forgot password?](#) | [Register](#)

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3.2. Forgot Password:

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

Forgot Password

Please enter your email address:*

Back

Submit

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4. Overview

4.1. Installer Details:

As an installer user, you can see your account details on home page. Google map shows all your PV sites have been installed.

LeadSolar Welcome Zhengwei [Logout](#)

Overview Alerts Management My Account

Zhengwei Lou
ID: 46
Tel: 0086 0510 81817466

Total Installations
Users: 3
Sites: 3
Total Inverters: 131

Map Satellite

Map data ©2016 | Terms of Use | Report a map error

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4.2. Customer Details:

In Management manual, you can get your Customer Details. You can search your customer details with provided search criteria. For example, when you input account ID and press “Search” button. The table lists details of the system.

LeadSolar Welcome Zhengwei [Logout](#)

Overview Alerts Management My Account

Show 10 Entries Search:

| Name | Email | Address | Phone | System | Alerts |
|--------------|--------------------------|---|---------------|---|------------------------|
| Leo Chow | spzhou@leadsolar.com.cn | Room 402, Building A1, Tianan Intelligent Park, 228# Linghu Avenue, Wuxi New District, WuXi, Jiangsu, China | 0510 81817466 | Login Detail | Alerts |
| SLS SLS | sllsolar@slscorp.com | GIDC, Anand, Gujarat, India | 02692 232501 | Login Detail | Alerts |
| Allen Miller | allen.noeline@xtra.co.nz | 64 Eton Street, Christchurch, Canterbury, New Zealand | 64-3 3085448 | Login Detail | Alerts |

Showing 1 to 3 of 3 Entries Previous 1 Next

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The page will be redirect to dashboard by clicking on Gateway Image.

4.3. Dashboard:

Dashboard displays complete details of user account.

4.4. Power Details:

This part displays the complete power details of a user account. It consists of Total inverters current power, Todays power, Month power, Year power and total power.

| Power Now | Today's Energy | Monthly Energy | Yearly Energy | Total Energy |
|-----------|----------------|----------------|---------------|--------------|
| 1205.74 W | 1.23 kWh | 229.58 kWh | 368.63 kWh | 368.63 kWh |

Dashboard contains three views:

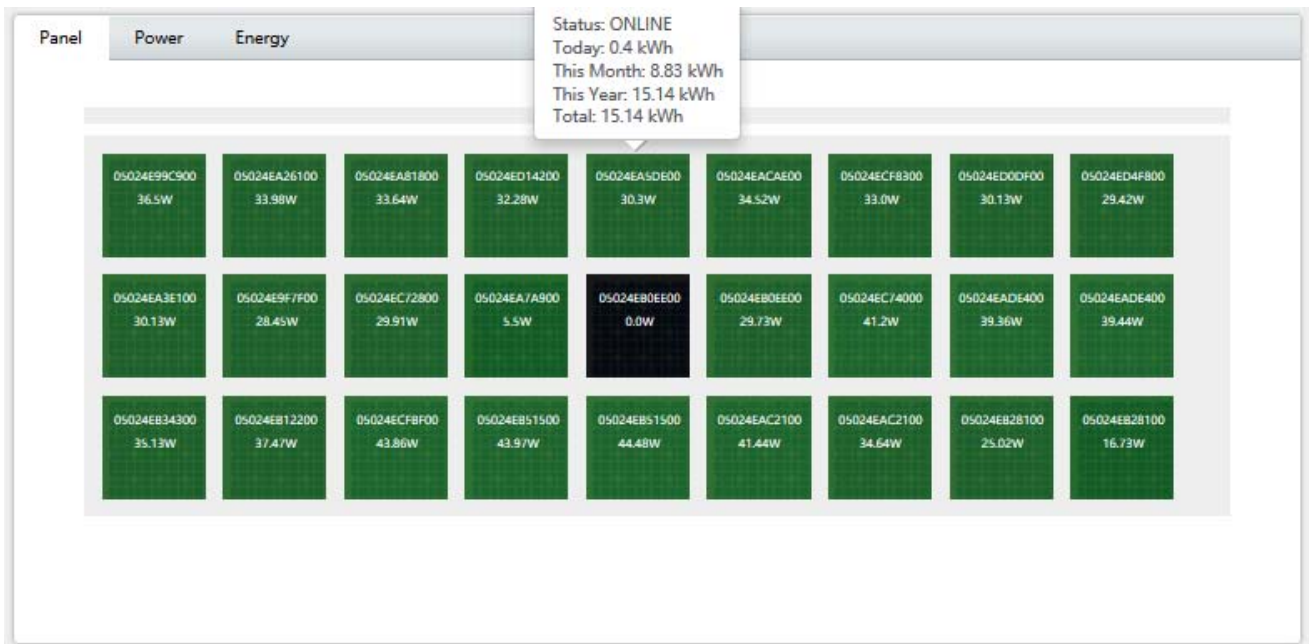
1. Panel View
2. Power View
3. Energy View

4.5. Panel View:

Panel View consists of all inverter details with serial number on top of each inverter box. Inverter box background color changes according to the current power generated by the inverter. Color changes from black to Green as the power value increases from 0 to 250.

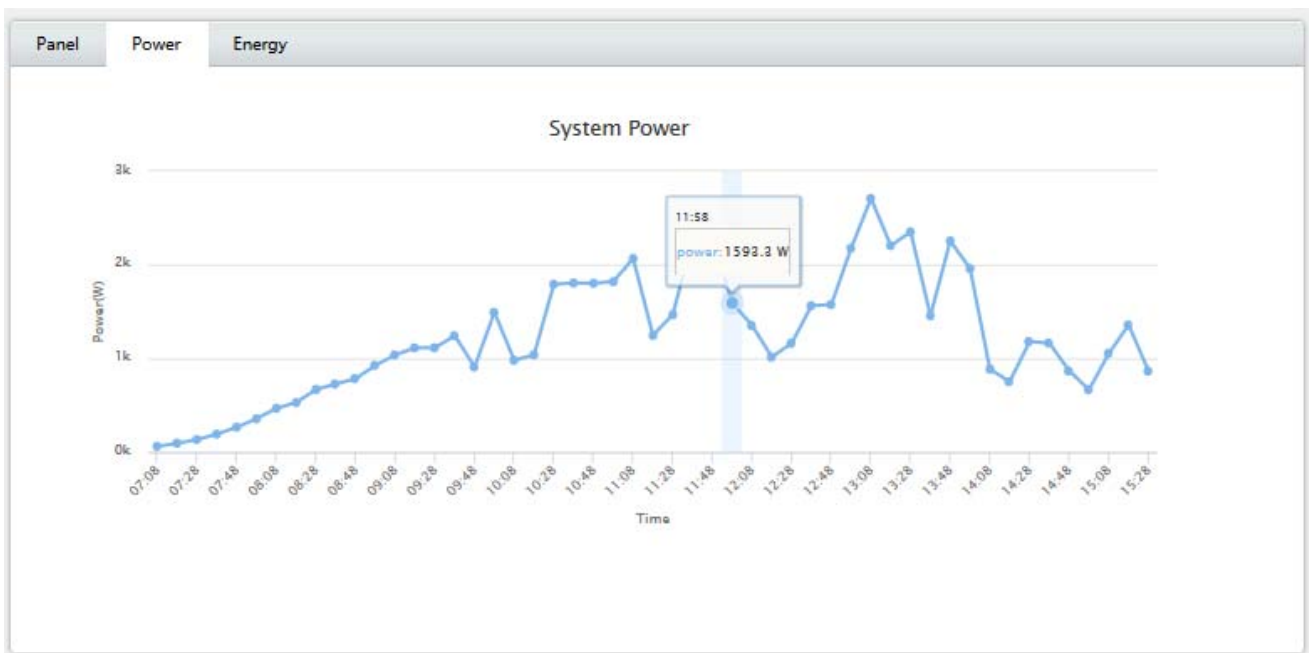
For more details of inverters, please focus your cursor on inverter box. It pops over with status, todays, last week, Month, Year, Total power details of inverters.

To change the Sort order of inverters, you can drag and drop the inverter box to another box location & save the changes. Panel View area can be zoomed in using the vertical bar available in panel view.



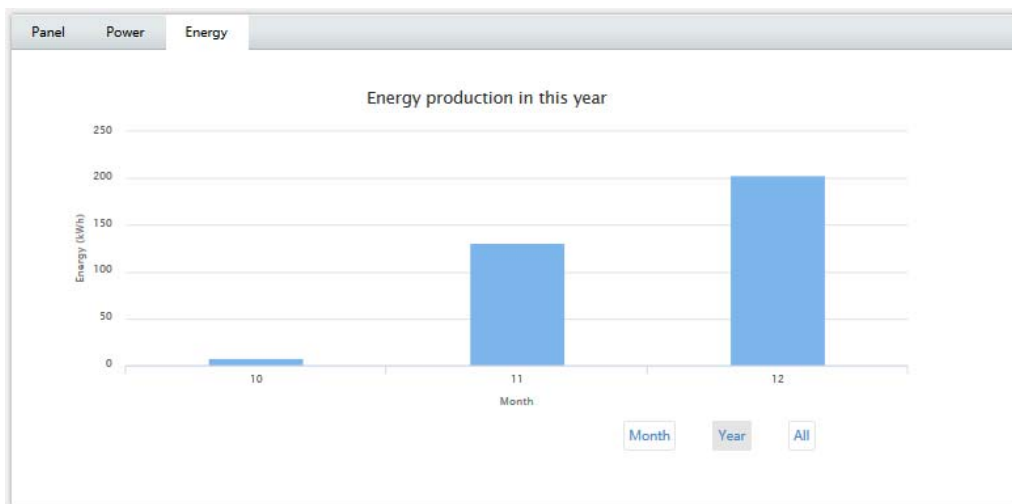
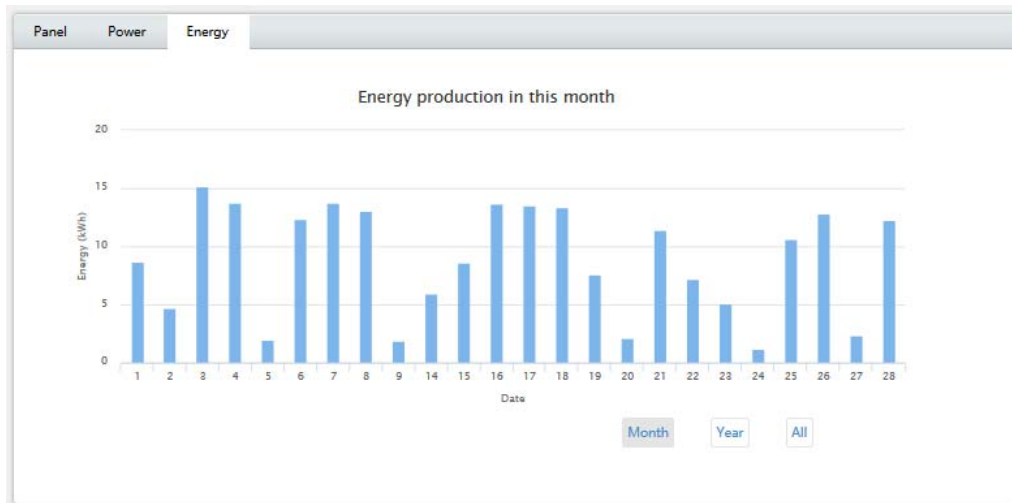
4.6. Power View:

This section displays the power graph for Today. Each node is recorded in 20 minutes. When you put your month pointer on the node, you will get power generation information at that time.



4.7. Energy View

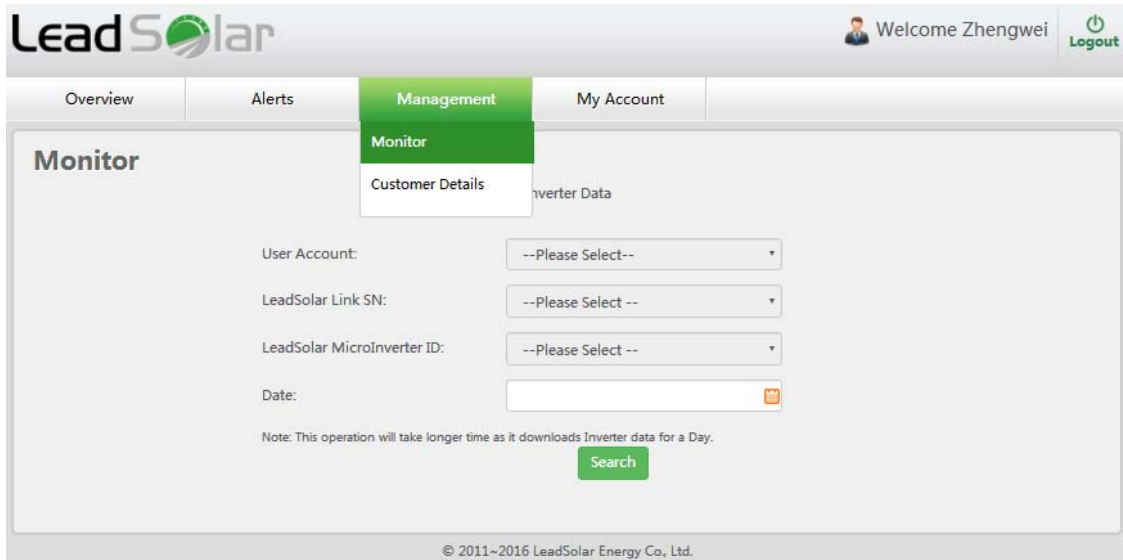
This section displays the power generation for Month, Year and All mode.



4.8. Monitor:

In the Management manual, you can choose Monitor to get information of each inverter independently.

You can select User Account, LeadSolar Link SN and LeadSolar Inverter ID, then you need to select the exact date and press Search button. You will download the inverter data in excel format.



4.9. Alerts:

The list displays errors of inverters.

LeadSolar Welcome Zhengwei

Overview **Alerts** Management My Account

Alerts

Show 10 Entries Search:

| ID | Email | GatewayNo | SerialNo | Description | ErrorTime |
|-------|----------------------|--------------|--------------|---|---------------------|
| 36312 | slssolar@slscorp.com | 000130700439 | 05024E9B9600 | ErrorCode1:1000 Earth fault and GFDI over-current; ErrorCode2:0010 Islanding effect; | 2016-10-13 11:31:40 |
| 36313 | slssolar@slscorp.com | 000130700439 | 05024EB51200 | ErrorCode2:0008 PV2 current unbalance; | 2016-10-13 13:03:03 |
| 36314 | slssolar@slscorp.com | 000130700439 | 05024EB51200 | ErrorCode2:0008 PV2 current unbalance; | 2016-10-13 13:13:04 |

Showing 15,521 to 15,523 of 15,523 Entries Previous 1 ... 1549 1550 1551 1552 **1553** Next

Earlier Comments:

Note*:

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4.10. My Account:

On this screen, you can update your personal details.

LeadSolar Welcome Zhengwei

Overview Alerts Management **My Account**

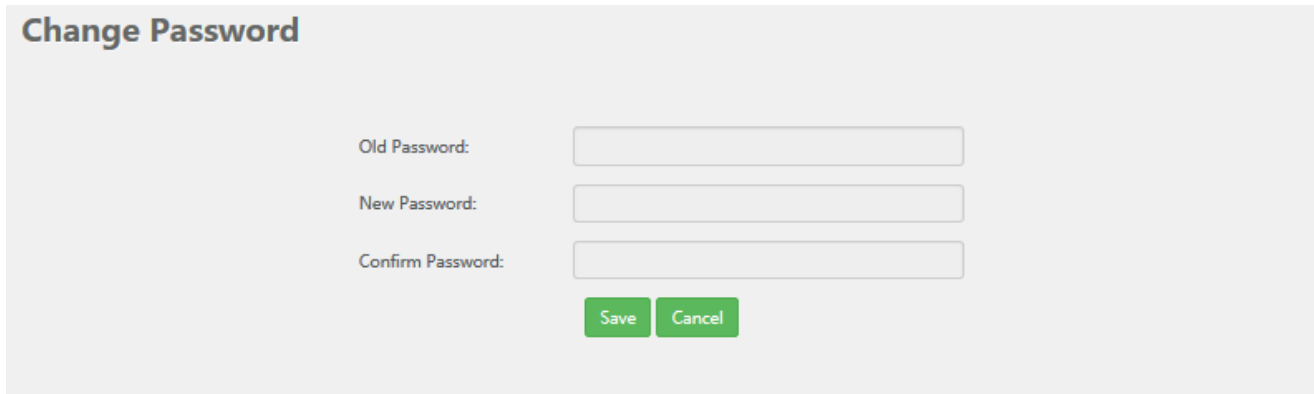
My Profile

| | |
|---|--|
| First Name:* <input type="text" value="Zhengwei"/> | Last Name:* <input type="text" value="Lou"/> |
| Email:* <input type="text" value="zwlou@leadsolar.com.cn"/> | My installer ID:* <input type="text" value="None"/> |
| Role: <input type="text" value="Installer"/> | Street Address:* <input type="text" value="Room 402, Building A1, Tianan Intelligen"/> |
| City:* <input type="text" value="wuxi"/> | State/Province: <input type="text" value="Jiangsu"/> |
| Country:* <input type="text" value="China"/> | Zip code:* <input type="text" value="214135"/> |
| Phone:* <input type="text" value="0086 0510 81817466"/> | |

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4.11. Change Password:

You can change the current password.



The image shows a web form titled "Change Password" on a light gray background. The form contains three input fields stacked vertically, each with a label to its left: "Old Password:", "New Password:", and "Confirm Password:". Below the input fields are two green buttons: "Save" and "Cancel".