LeadSolar Monitoring System

User Manual

Oct 10, 2016

Ver 2.2
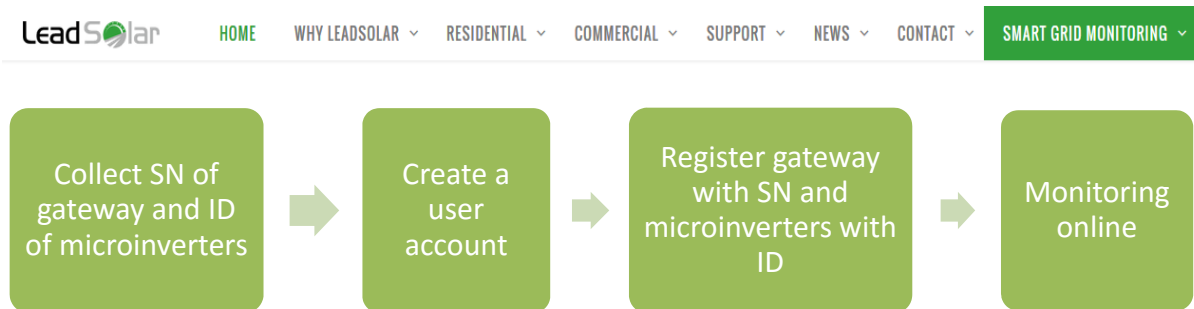
# Contents

1. Quick Installation

1.1. How it works?

- Go to www.leadsolarenergy.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 microinverters at the right corner of the label on the device.
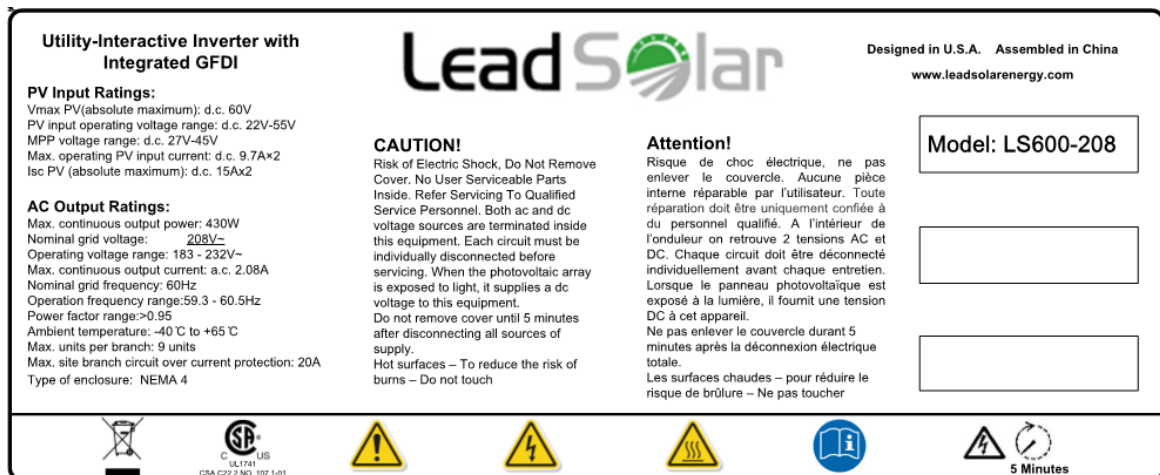
The Serial Number for the gateway is marked on the label on the back of the gateway as shown below:
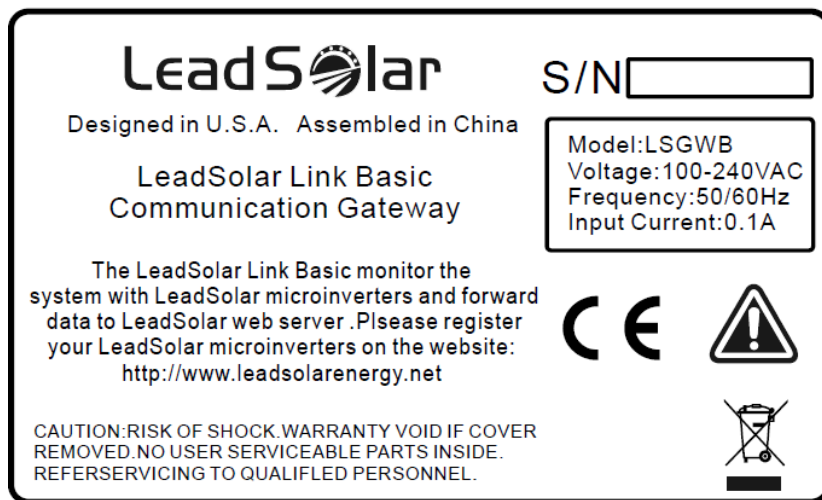
1.3. Installing the gateway

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
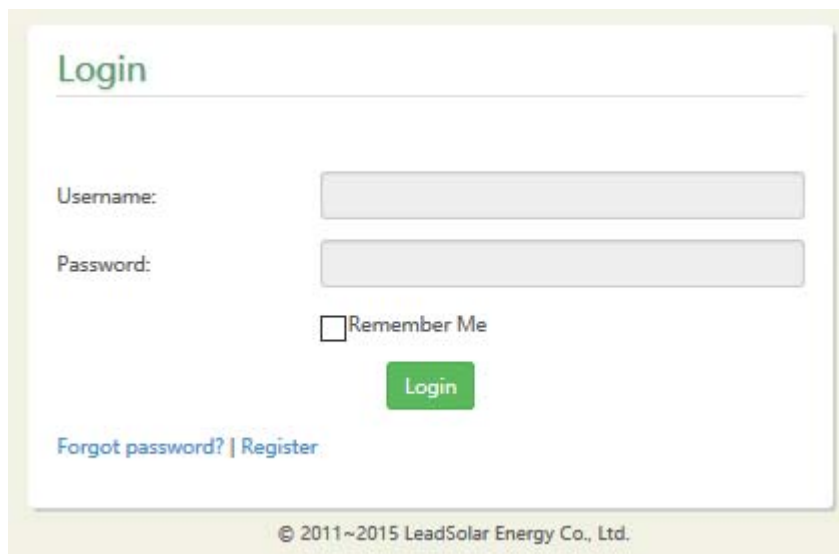
2.1. Register new account

Before activating a solar panel that contains a LeadSolar Microinverter, please register

the microinverter on the online monitoring platform first.

- Go to www.leadsolarenergy.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.

It will take you to this registration page:

- Fill in all required fields (indicated by a green asterisk). Please note, you should choose "End User" as your role. Otherwise, you cannot register your system when you choose "Installer".
- Then click the "Create Account" button.
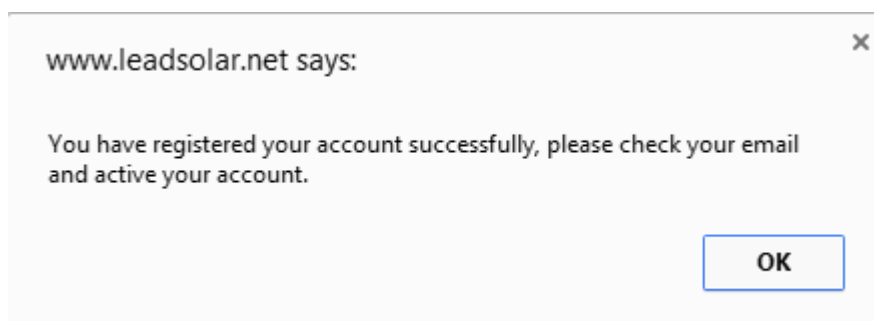
- Check your email for the verification link. Click the link provided -- you will be redirected to this webpage:

- 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.

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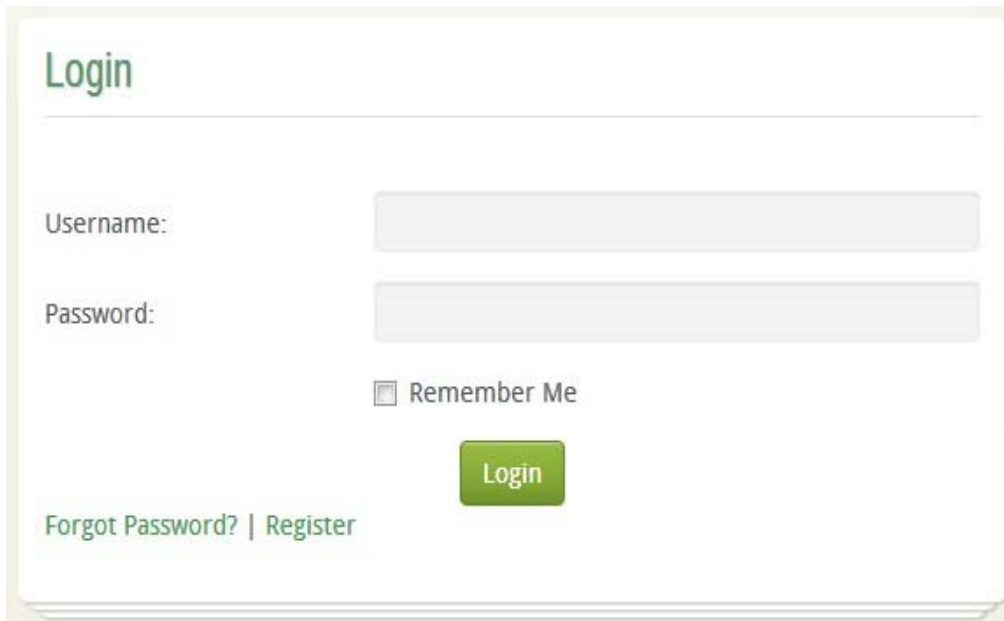

Note: You should go to your email box, and get the password, and then you can use the email ID and the password to login the monitoring system.

3. Normal User Account

3.1. Login

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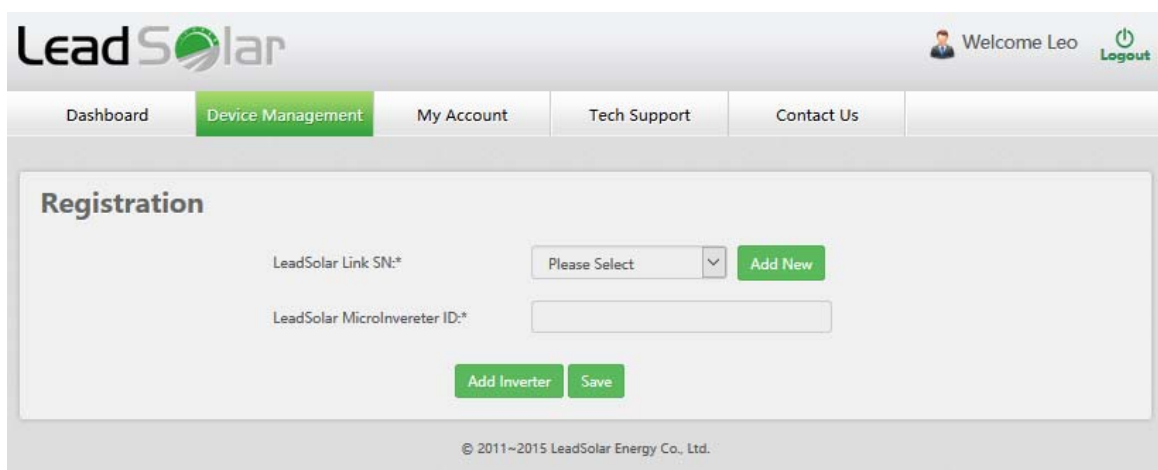

Input your username and password (Note: you should register a new account, and activate it. Optional Choice: click "Remember Me" and let the system to remember your username and password.), then Click the 'Login' button. The first time you login, you will see "Device Management" registration page. Login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

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.

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 ID) is valid. Each gateway supports maximum 200 inverters.

Note: After adding microinverter 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 end user account. You need to select a gateway first before replacement.

3.4.2. Inverter Management

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

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. Electricity Prices setting

Electricity price can be set by pressing Income button.
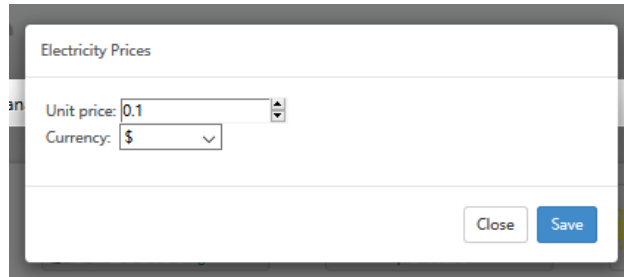
3.5.4. Power Details

This section displays the complete power details. 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
655.66 W	8.87 Kwh	72.57 Kwh	126.61 Kwh	126.61 Kwh

3.5.5. 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 Month/Year/All. 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.
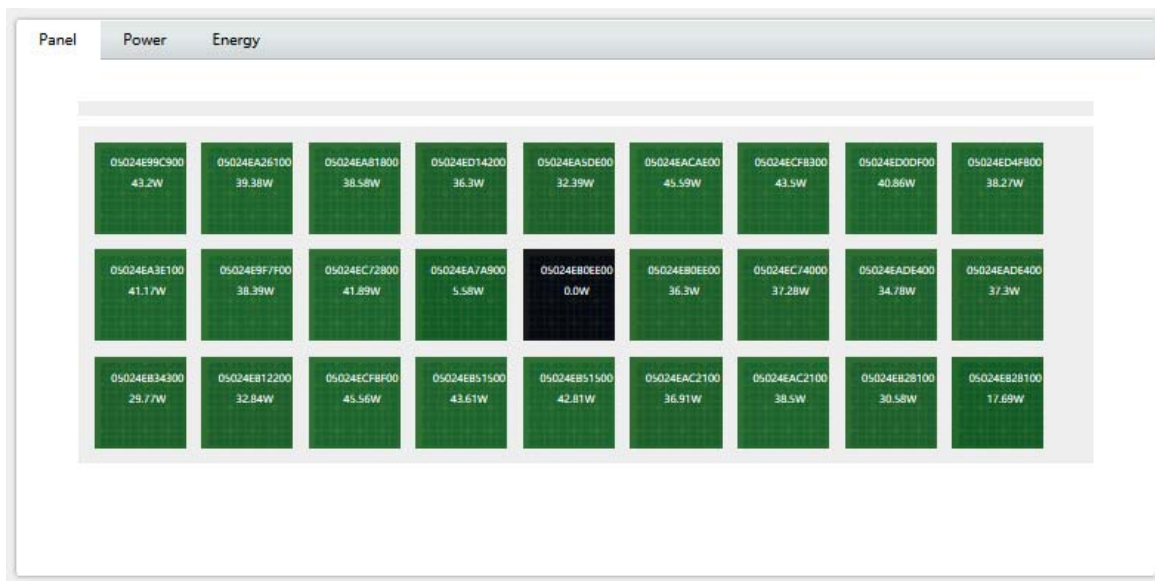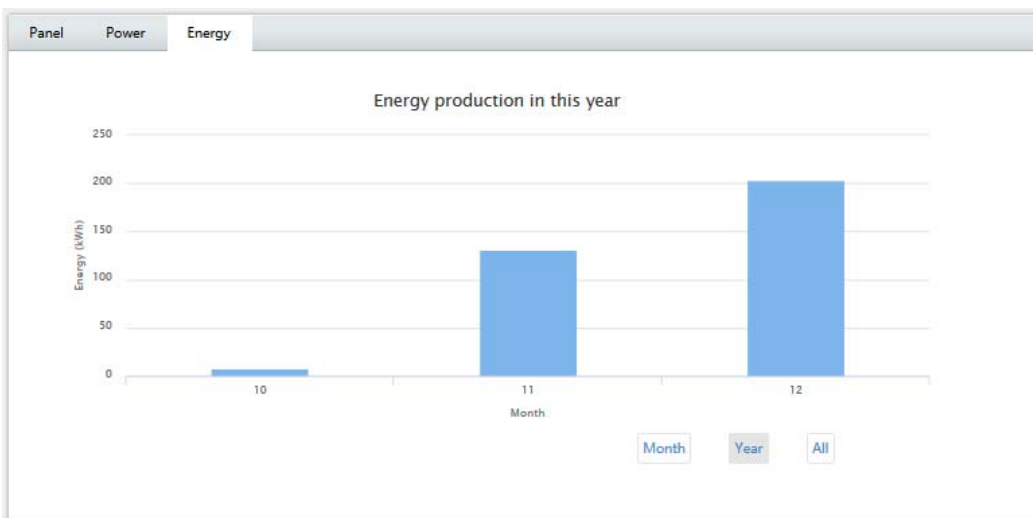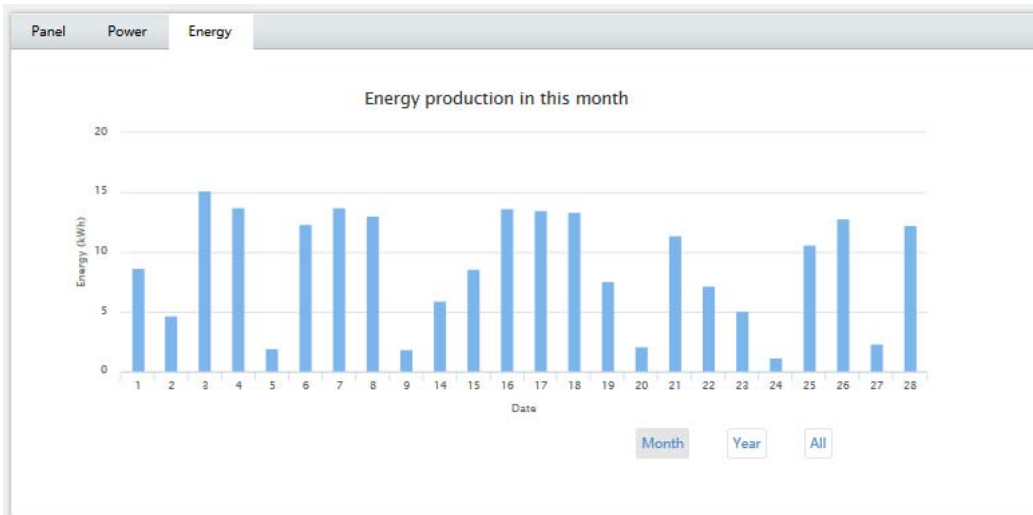

3.5.6. Power View

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.
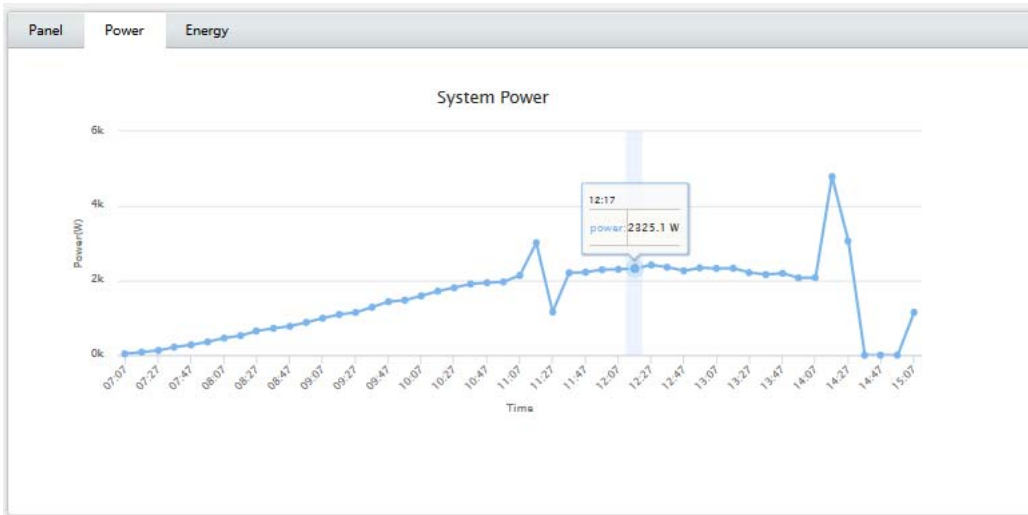
3.5.7. Energy View

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

Note: After you finish inverter registration, you need to confirm the 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.

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.