

SEDAS 2.0S

Solar Energy Data Acquisition
System

System User Guide

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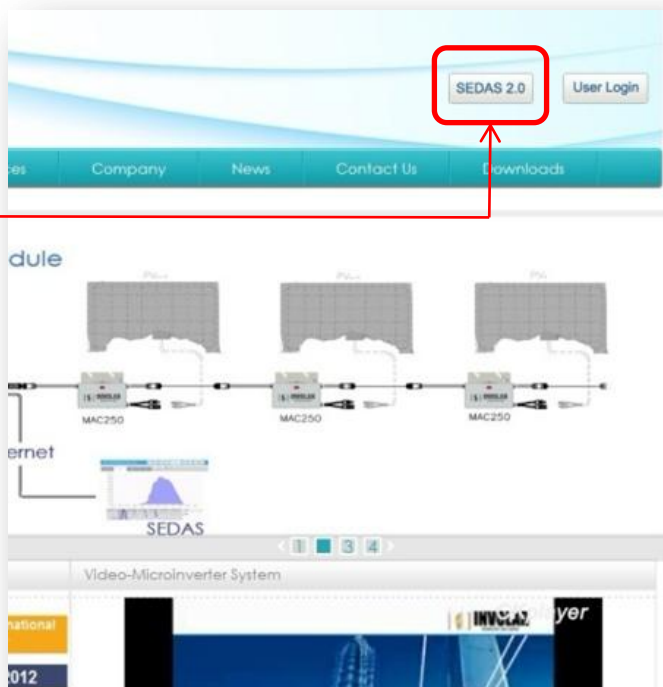
Website: www.involar.com

Step 1 Registration:

1. Log on to www.involar.com

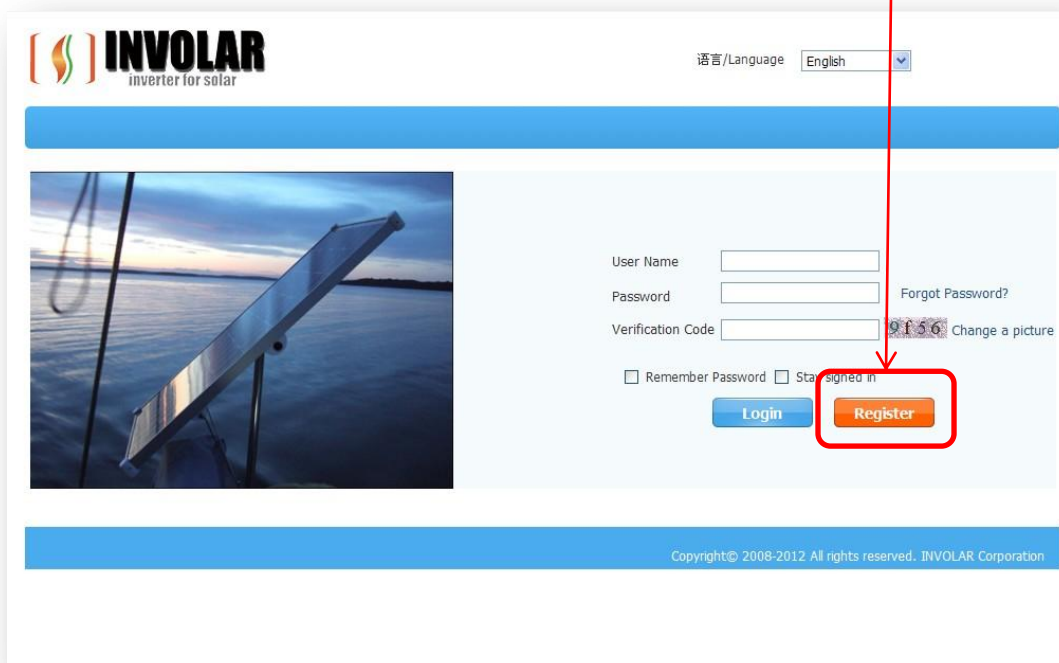
2. Click on

SEDAS 2.0



3. Click on

Register

A screenshot of the INVOLAR registration page. The page features the INVOLAR logo and the tagline 'inverter for solar' at the top left. A language dropdown menu is set to 'English'. On the left, there is a photograph of a solar panel. The registration form includes fields for 'User Name', 'Password', and 'Verification Code'. There are links for 'Forgot Password?' and 'Change a picture'. Below the form are checkboxes for 'Remember Password' and 'Stay signed in'. The 'Register' button is highlighted with a red rectangular box. At the bottom, there is a copyright notice: 'Copyright© 2008-2012 All rights reserved. INVOLAR Corporation'.

Registration continued:



4. Complete the required fields on the registration page;

Username - Create username for system.

Password - Create a password.

Confirm Password- Repeat the password

E-mail Account - Enter valid email address.

Country/ Region - Select Installation location.

City - Input nearest City to Installation.

Timezone - Select Installation timezone.

IMPORTANT:

To ensure there is no conflicting issues between PV Module and Microinverter please complete the following fields:

PV Module rating Power - e.g 240W

PV Module Voc - *

*Must be less than 50V DC

Installer Company – Please enter Installer details.

Installer Phone – Please enter Installer details.

Installer email – Please enter Installer details.

eGate serial number – Serial number can be found on the eGate.

First Name – Please enter customer details.

Last Name – Please enter customer details.

Street Address – Please customer details.

Verification code - Enter the verification code shown in the box to the right.

5. Sign-in – Using the Username & Password created you are now ready to login.

The registration form is divided into four sections:

- Basic information:** Includes fields for User Name, Password, Confirm Password, E-mail account, Country/Region (set to United Kingdom), City, and Timezone (set to Asia/Shanghai GMT +08:00 China Standard Time).
- Installer Info:** Includes fields for PV Module Rating Power, PV Module Voc, Installer company, Installer phone, Installer email, and eGate serialnumber.
- Other Information:** Includes fields for First Name, Last Name, and Street Address.
- Verification Code:** Includes a Verification Code field and a small image showing the code 'Gr 7 m' with a 'Change a picture' link.

Buttons for 'OK' and 'Cancel' are located at the bottom of the form.


The login/register page includes:

- Fields for User Name, Password, and Verification Code.
- A 'Forgot Password?' link next to the Password field.
- A 'Change a picture' link next to the Verification Code field.
- Checkboxes for 'Remember Password' and 'Stay signed in'.
- 'Login' and 'Register' buttons at the bottom.

A red arrow points from the 'Verification Code' field in the registration form to the 'Verification Code' field in this page.

Step 2 Adding the eGate (s) to your system



1. If you entered the eGate Serial number during the registration process your eGate shall automatically appear in your account.
2. If the eGate serial was not entered or was not entered successfully you will see the screen below when you login.
3. Simply 'Click' on the 'Add eGate' button and enter the 17 digit Serial Number shown on the eGate label.
4. Additional eGates can be added during this process also.
5. 'Click' 

Dashboard eGates History Sites Account Logout

eGate Information

eGate ID	User Name	Initialization Time	Power	Registered No. of system	Networked MI No.	Active MI No	inverterInfo	More	Operate
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Add eGate

Add eGate

eGate Serial Number

click ok to add

OK Cancel

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Dashboard



Each time you login you will see the home screen which displays the site information and current power generation of your system.

eGate List

The screenshot shows the INVOLAR Microinverters web interface. At the top, there is a navigation bar with 'Home', 'Array' (highlighted with a red box), 'Sites', 'Account', and 'Return'. The main content area is titled 'Microinverter Information' and displays a grid of 40 microinverter panels, each showing its ID, power rating (300W), and energy production (Wh). A mouse cursor is hovering over the top-right panel (ID: 00080012 29000012, 501 Wh), with a callout box saying 'Click & Hold Drag & Drop'. Another callout box, 'Move Here', is positioned over a dashed-line box around the bottom-right panel (ID: 00080012 29000042, 538 Wh). Below the grid is a small toolbar with icons for adding, deleting, and refreshing. At the bottom, there is an 'eGate Information' table with the following data:

eGate ID	Status	Initialization Time	Power	Installed No. of MI	InverterInfo	Power Production	Operation
12030189(eGate)	✓	28-Jun-2012	230W	14	InverterInfo	Power Production	Edit Delete
12030190(eGate)	✓	25-Jun-2012	200W	14	InverterInfo	Power Production	Edit Delete
12290001(eGate)	✓	20-Jul-2012	194W	12	InverterInfo	Power Production	Edit Delete

[Add eGate](#)

- Click on the eGate List to see the eGate's registered on the system.
- Additional eGate's can be added by clicking on **Add eGate**.
- Here you will see each microinverter registered to the eGate (s).
- The panels can be easily moved into position by 'drag & drop' using your mouse.

Site History



Local Time
2013-11-28 16:26:06

Time Zone
GMT +08:00

User Name

Home

Array

Sites

Account

Return

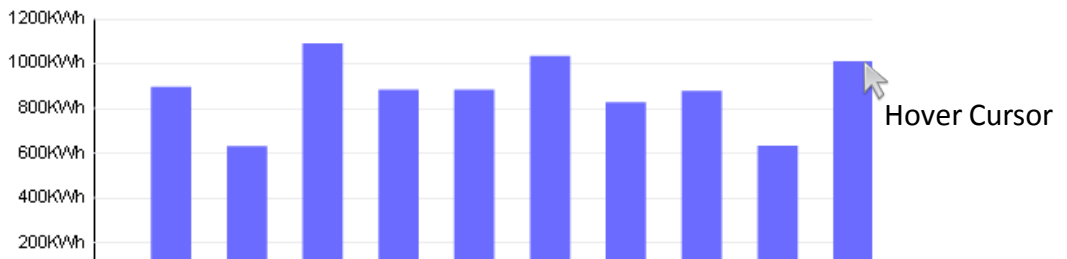
Daily

7 Days

30 Days

12 Months

Current Power: 750 W



Hover Cursor

Today	7 Days	30 Days	12 Months	Total Energy
21.01 kWh	202.69 kWh	625.06 kWh	9342.60 kWh	9667.07 kWh

Power Generated Equivalent To



350.1 hours
Light Bulb



60.0 hours
Computer



1.9 days
Household

Equivalent Carbon Offset



0.5
Trees



6.5
Liters of Gasoline



90.4 km
Car

Drag SEDAS2.0

➤ View Historical data by selecting the Daily/7 Days/30 Days & 12 Months Tab

Account



INVOLAR
MICROINVERTERS

Local Time: 2013-11-28 16:25:26 | Time Zone: GMT +08:00 | User Name

Home | Array | Sites | **Account** | Return

Installation Information

User Name	Change Password
E-mail account	E-mail has been verified Change
Country/Region	
City	
Address	
First Name	
Last Name	
Time Zone	
Shared state:	Public Set up private
PV Module Rated Power	
PV Module Voc	

[Edit](#)

Installer Information

Installer Company
Installer Phone
Installer E-mail
Address

[Edit](#)

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- Account information can be edited at anytime.
- You can change your login password.
- You can change your registered email address.

Troubleshooting

Should you have any technical problem with your system please contact our technical support team at: tech@involar.com

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