

1 Manual Information

1.1 Target Readers

This manual is intended for SolaXcloud user access, operation and maintenance. Readers need to have some knowledge of the network, as well as to understand the product function of SolaX.

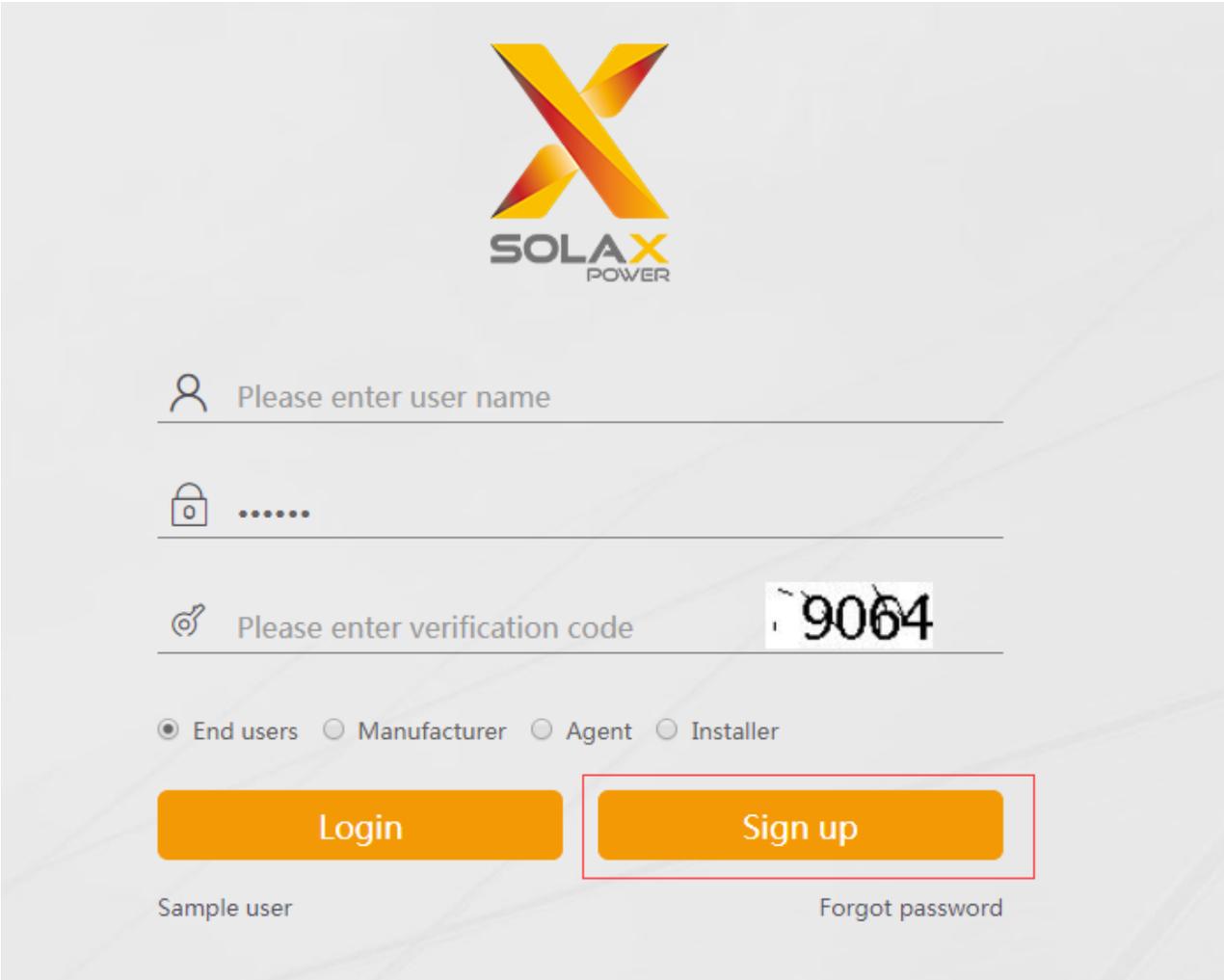
1.2 System Description

The SolaXCloud is an online monitoring platform enabling you to monitor your inverter around the clock. Our inverters upload operational data to the Xcloud* via Pocket Wifi, Pocket Lan, Pocket GPRS and Ethernet. Xcloud collects and processes that data every 5 minutes. You can then monitor the data by simply logging into a registered account via your PC, iPhone, tablet or Android device.

2 Operations

2.1 Registration

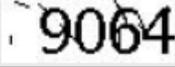
Step 1 Visit www.solaxcloud.com and the system's home page as shown below. Click [Sign up] to enter into next step.





 Please enter user name



 Please enter verification code 

End users Manufacturer Agent Installer

Login

Sign up

Sample user

Forgot password

Note: [Sign up] button only aims at End users, if you' d like to apply for an Agent or Installer account, please email service@solaxpower.com .

Step 2 Fill in the information as shown below and click [Save] to complete the registration process. System will automatically enter the home page.

Sign up

Nickname *

Registration No. *

Login Account *

Login password *

Confirm password *

Email *

Mobile number

Address

I have read and agree to the membership registration agreement

2.2 Login

Step 1 Enter the correct username, password and verification code.

Step 2 Select the user type and click [login] to enter user main interface.

5741

End users Manufacturer Agent Installer

[Example site](#) [Forgot password](#)

2.3 Logout

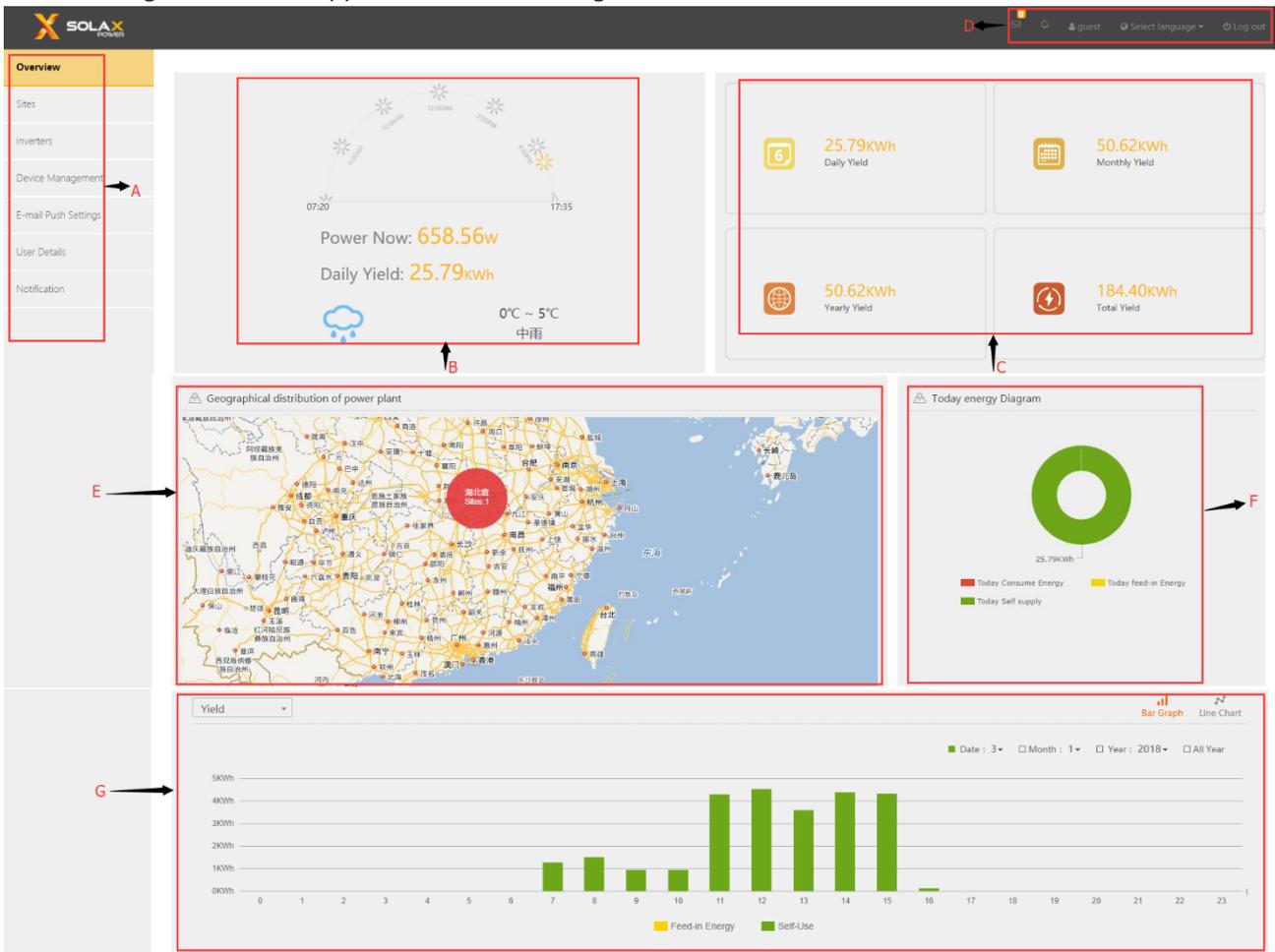
Click [Logout] button as below to exit any interface of the software.



3 The End-user Interface

3.1 Main Interface Description

The following interface will appear after end-user login.



No.	Description
A	Navigation bar: site, inverter, device management, alarm record, history record, E-mail push settings, user details and notification.
B	Site weather condition, real-time power and daily yield.
C	Display of daily, monthly, yearly and total yield.

D	Title bar, including username, system alarm and notification; language switch menu of Chinese, English, German and Italian.
E	Geographical distribution of power plant.
F	Today energy distribution diagram.
G	Chart condition selection of yield and consume. Note the calculation only applies for the installation of Meter.

3.2 Site Management

User can perform the following modification in this interface.

Edit the site information, bind a new inverter to this specific site and delete the site.

Home > Site management

Site name Nickname Installer Name Establish Time Start time End time Query

No.	Site name	Nickname	Inverter numbers	Panel Size(KW)	Daily Yield(KWH)	Total Yield(KWH)	Operate
1	guest	guest	1	5.00	-	3196.71	<input type="button" value="Edit"/> <input type="button" value="Bind"/> <input type="button" value="Delete"/>

Edit site information

Site name Map Type Use Seasonal

Address

Timezone

Country

Province

City

County

Introduction

Remark

Bind the registration No.

Registration No.

Note If user would like to unbind one Registration No. to register for another account, please email service@solaxpower.com.

3.3 Device Management

Users can enter the inverter SN to check and change the inverter settings remotely as shown below.

Note: Inverter firmware upgrading will be required for some inverter models, please email service@solaxpower.com if login failed.



3.4 Email Push Settings

The report will be sent to the corresponding email address user entered; more than one email can be separated by semicolon.



Report Name	Sending time
Alarm Push	Send immediately after one inverter alarm
Daily report sending	Send at 10:00 o' clock every day by default
Monthly report sending	Send at 10:00 o' clock on the first day of every month
Annual report sending	Send at 10:00 o' clock on Jan, 1st of every year

3.5 User Details

In this interface, one user can modify the present account details such as Nickname, site address and etc.

User Details 

Nickname test

User Type end-user

Telephone

Login Account test

Address

original account

Postcode

Country Province City

3.6 Notification

If one agent would like to change one associated inverter settings remotely, a verification code will be sent and shown on user' s notification. Users can either approve the application or deny.

Overview Home > Notification

Inverter SN Registration No. Create Unit

No.	Inverter SN	Registration No.	Create Unit	Crete Time	User Name	Status	Operation Information	Authorization Code	Operate
No matching records found									

[Overview](#)
[Sites](#)
[Inverters](#)
[Device Management](#)
[Alarm Record](#)
[History Record](#)
[E-mail Push Settings](#)
[User Details](#)
[Notification](#)

3.7 Recharge

If the selected communication module is Pocket GPRS3.0 International Edition, when the module has insufficient available time, you need to perform recharge operation. The operation is as follows, click "Device management" and "Card management" on the left menu bar. Enter the registration number of the module and click "Query". Click on the recharge butto that pops up the selection interface.

Registration No. **SGCHWNHXXC** mtsidn iccid Tariff status Balance interval inquiry

Inverters GPRS range query (MB) - Query

Sort by the amount of GPRS used

No.	Registration No.	User	Card Type	msisdn	iccid	imsi	Card status	GPRS amount used (MB)	Remaining GPRS amount (MB)	User balance	Operate
1	SGCHWNHXXC	SP2VBATCYJ	Vodafone	901280032031001	89882390000035270225	901280032031001		20.00	0.00	0	

Showing 1 to 1 of 1 rows

The appropriate package has been automatically selected according to your location .There is no need to change. Choose the time to set up the set meal and choose the mode of payment for " Paypal",click the "Recharge Now" button.

Recharge record Incomplete orders

Vodafone
 ICC card number:901280032031001 | Account Balance : \$- | GPRS usage balance : 0.00M

Choose a package : **VDF_EU_AN_20M \$9.9**

Opening Time : **3 months** | 6 months | 9 months | 12 months

Payment Amount : **\$29.70**

Third party payment

After clicking the "Recharge Now" button, you will be redirected to the confirmation recharge interface. After confirming that the purchase information is correct, click the "Payment" button.

Please confirm the order information

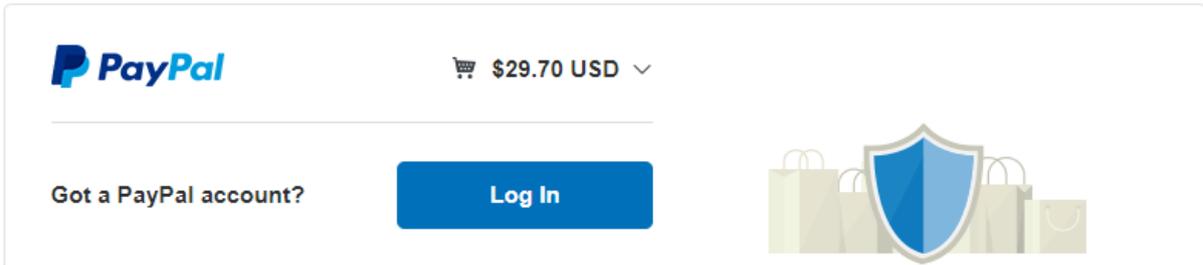
Registration Number : **SGCHWNHXXC**

Merchant order number : 2018082215041000653034138

Order name : SGCHWNHXXC Recharge 29.70 USD_2018-08-22

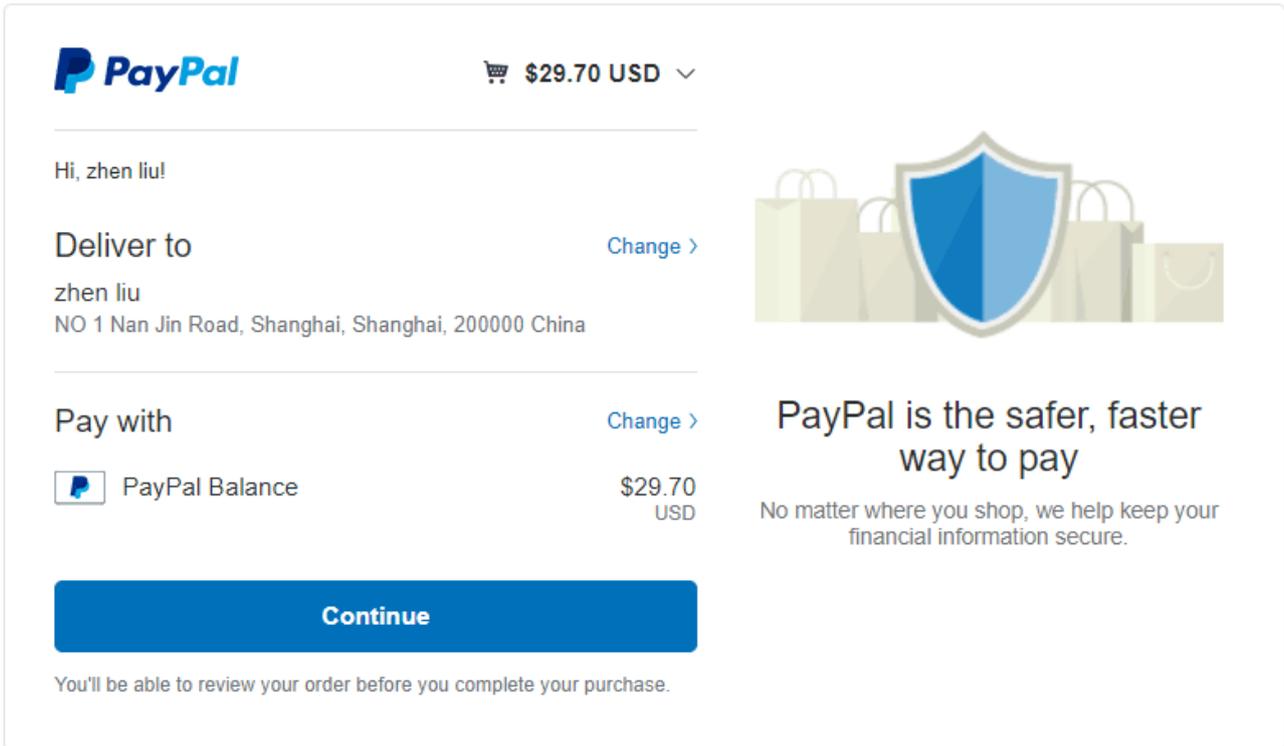
Payment amount : **29.70**

After clicking on the "Payment" , you will be redirected to Paypal's payment interface.



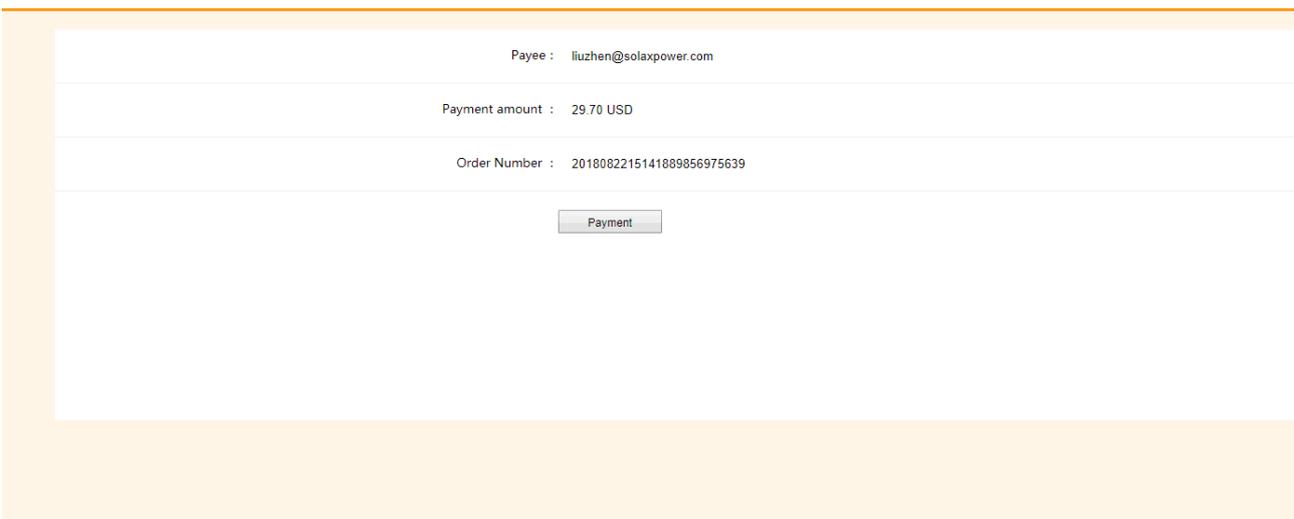
PayPal logo and shopping cart icon with amount \$29.70 USD. A button labeled "Log In" is next to the text "Got a PayPal account?". An illustration of shopping bags with a shield in front of them is on the right.

Log in to your Paypal account:



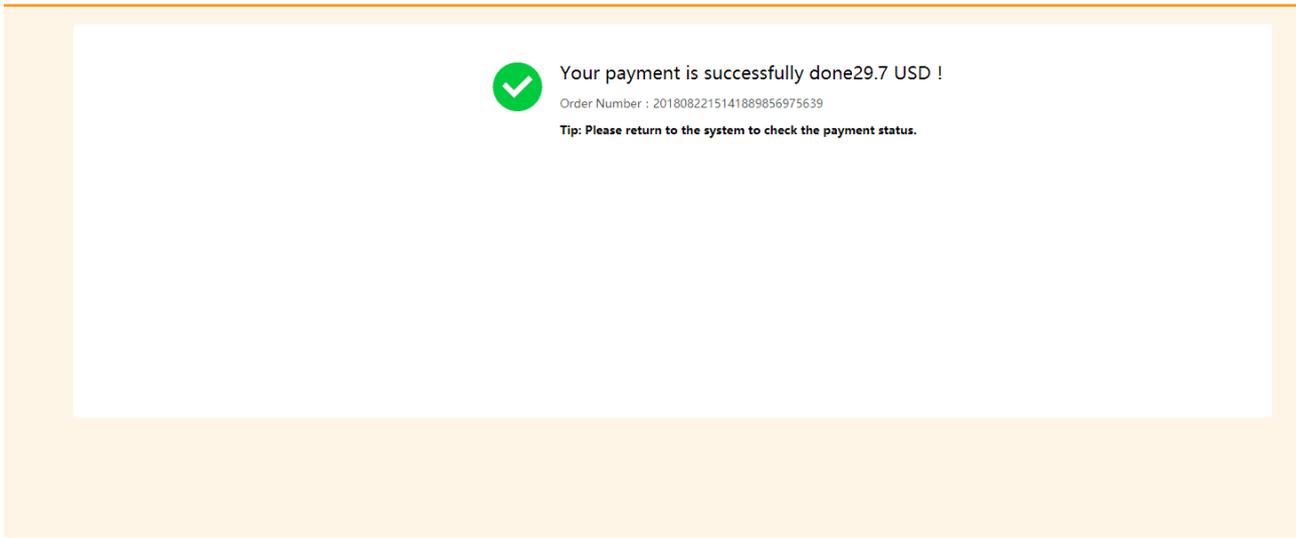
PayPal logo and shopping cart icon with amount \$29.70 USD. Greeting: "Hi, zhen liu!". Delivery address: "zhen liu, NO 1 Nan Jin Road, Shanghai, Shanghai, 200000 China". Payment method: "PayPal Balance" for \$29.70 USD. A large blue "Continue" button is at the bottom. Text on the right: "PayPal is the safer, faster way to pay. No matter where you shop, we help keep your financial information secure."

Click "Continue" to jump to the following page:

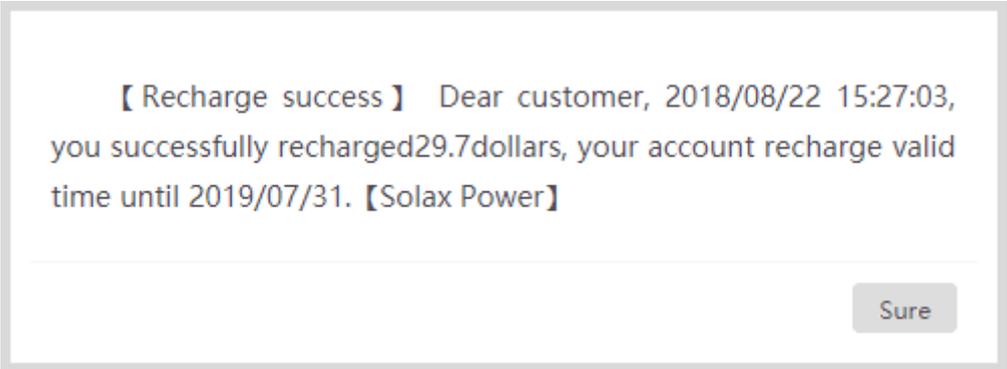


Payee : liuzhen@solaxpower.com
Payment amount : 29.70 USD
Order Number : 2018082215141889856975639
Payment button

Click on the "Payment" , the following interface will be displayed after the payment is successful:



Back to the original interface, click on the payment success, the interface will prompt the effective time after the recharge, the module can continue to use.



4 Inverter List

Display the model, serial number, working status, daily yield and access time of each Inverter.
 Status classification:



By clicking the inverter SN, the system will lead you to the main screen of this specific inverter as below.

Home > Inverter List

Inverter SN: Site Name: Nickname: Registration No.: Online Status:

Nation: Type:

No.	Inverter SN	Registration No.	Inverter Type	Rated Power	Site Name	Nickname	Daily Yield(KWH)	Total Yield(KWH)	Online Status	Access Time	Operate
1	SD731712210799	ZUPTTDQX	X1-Boost/Air/Mini	5	guest	guest	8.26	41.45	on-line	2017-12-22 11:46:44	

Inverter Analysis | Real-time Data | Inverter Data | Statistic Report | Inverter Alarm

Inverter SN : **SD731712210799** Registration No. : **ZUPTTDQX** Last Update : **2017-12-26 11:48:14**

4.1 Inverter analysis

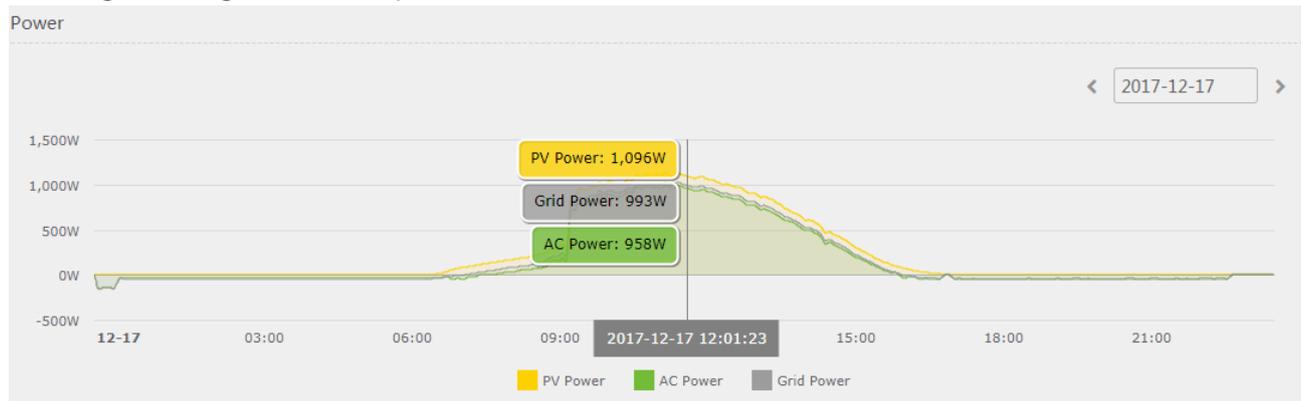
Display of Power:

This is the main graph the user will use, as you can see there are three main entities; **PV Power**, **AC Power** and **Grid Power**. All are measured in watts (W). The grey line represents what time of day you are looking at. You can select a date by simply clicking the arrows either side of the date to choose another date.

PV POWER – This is simply what is being produced by the panels on your roof.

AC POWER – This is the amount of power that inverter is inverting from the panels (from DC to AC) for use in the house or to export to either the grid or to the batteries.

GRID POWER – This is the amount of power that is either being taken off the grid or what is being exported the grid. If there was energy being taken from the grid the figure would be a minus number, if power was being fed back to grid, the figure would be positive.



Display of Yield or Consume Energy:

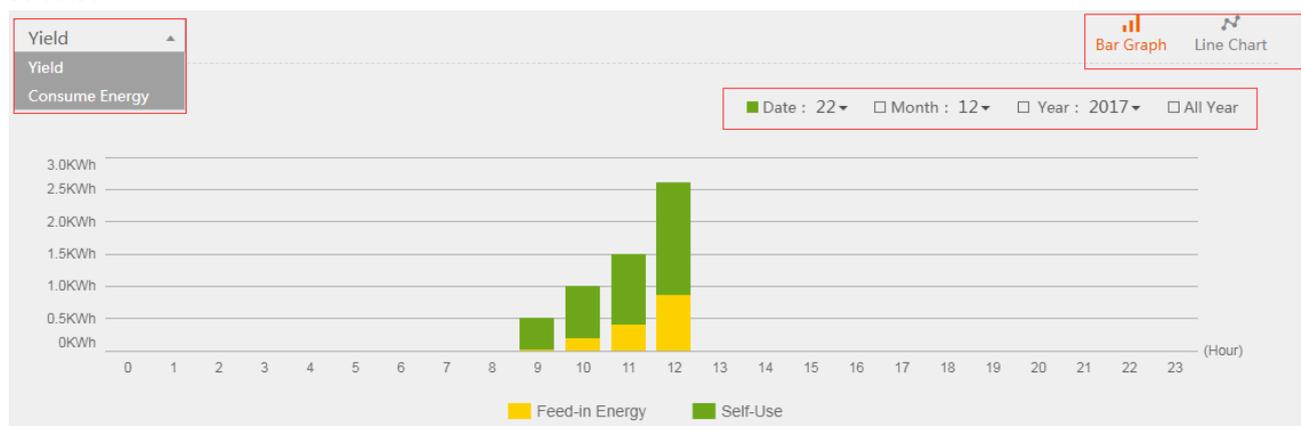
Note: the calculation only applies for the installation of Meter.

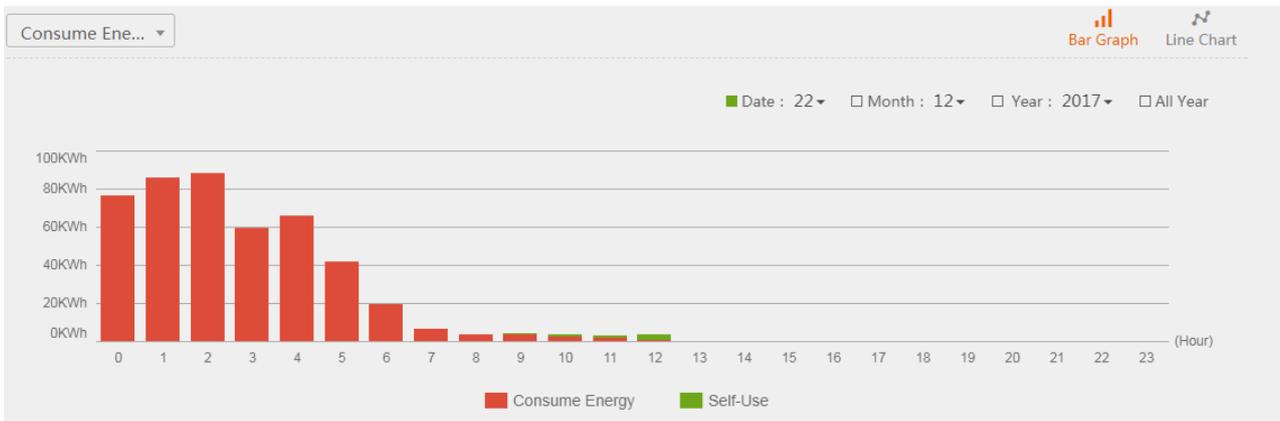
Move the cursor to either chart to view the fed-in energy, self-use energy and consume energy in different time.

Feed-in Energy - This is the total amount of the power being exported to grid in a certain period user selected.

Self-Use – This is the total amount of load power supplied by inverter AC power in a certain period user selected.

Consume Energy – This is the total amount of grid power being imported from grid in a certain period user selected.

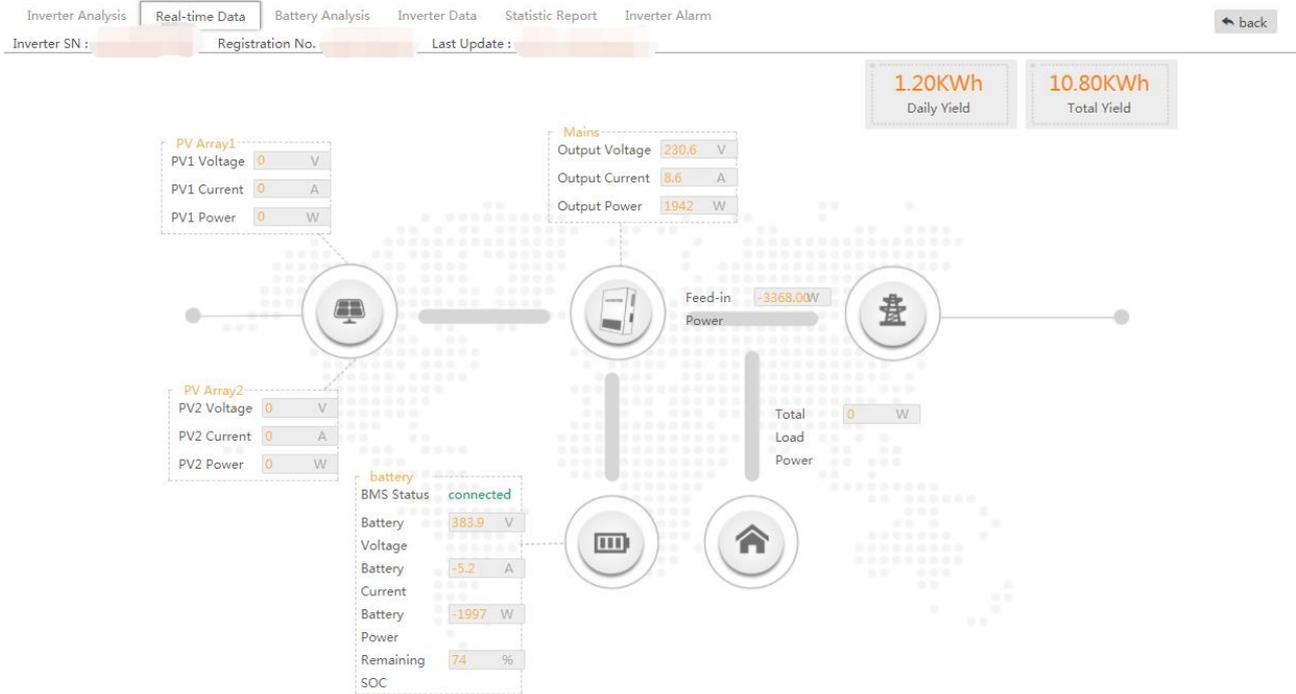




4.2 Real-time Data

Users can check all relevant real-time data including panels, grid, battery and load status with the help of below energy chart.

Note There will be some tiny discrepancies on the energy chart below due to sampling accuracy.



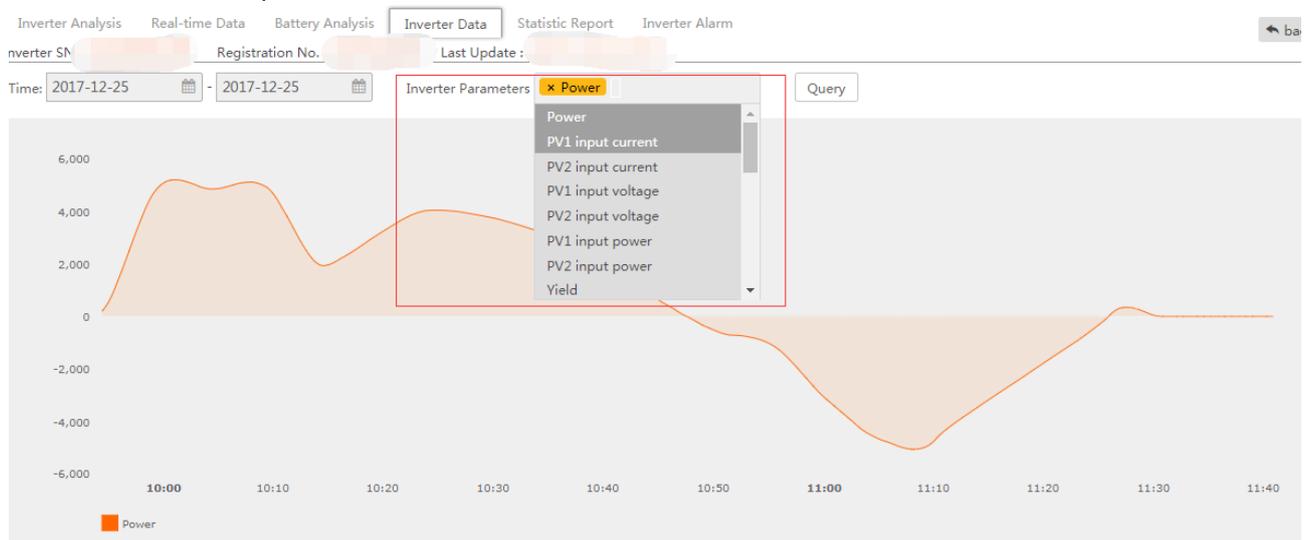
4.3 Battery Analysis

The battery status on the right (please note the [Battery] is all of your batteries combined in one system) gives you a clear indication of the amount of charge inside your battery, as you can see on this screenshot, the battery is at 99% capacity.



4.4 Inverter Data

On this interface, users can move the cursor to select one or more parameters in a specific period to analyze the inverter historical performance.



4.5 Statistic Report

Click [Daily Report], [Monthly Report] and [Yearly Report] to view the corresponding daily energy generated, monthly energy generated, annual energy generated.

Note: select one report type and click [Export] to download it in excel format.



4.6 Inverter Alarm

In this interface, you can check the device fault type, simple fault description and report time as shown below:

Inverter Analysis Real-time Data Battery Analysis Inverter Data **Statistic Report** Inverter Alarm back

Inverter SN : H11502B9001009 Registration No. : SWZH7QQJXI Last Update : 2017-12-25 11:37:39

Happen Time: 2017-11-25 2017-12-25 Query Export

No.	Registration No.	Inverter SN	Nickname	Error Type	Error Name	Happen Time	Operate
1	SWZH7QQJXI	H11502B9001009	邵朋跃	Inverter Error	MainsLostFault	2017-12-25 11:51:18	Operate

Click [Operate] to view more detailed inverter parameters when fault happens.

Alarm Details

Error Code	1	Fault Frequency R	50.01
Error Type	1	Fault Frequency S	0
Error Name	MainsLostFault	Fault Frequency T	0
PV1 Voltage	1.5	Fault Current R	0
PV2 Voltage	2	Fault Current S	0
Fault Voltage R	231.6	Fault Current T	1
Fault Voltage S	0	Happen Time	2017-12-25 11:51:18
Fault Voltage T	0		
Internal Temperature	0		

5 The Agent Interface

Note: Agent refers to distributor or Installer of SolaX inverter.

5.1 Agent Interface Description

The screenshot displays the SolaX Agent Interface. The top navigation bar includes the SolaX logo, a user profile icon (labeled 'D'), notification icons, a language selector, and a 'Log out' button. The main interface is divided into two sections: 'Energy' and 'Yield'.

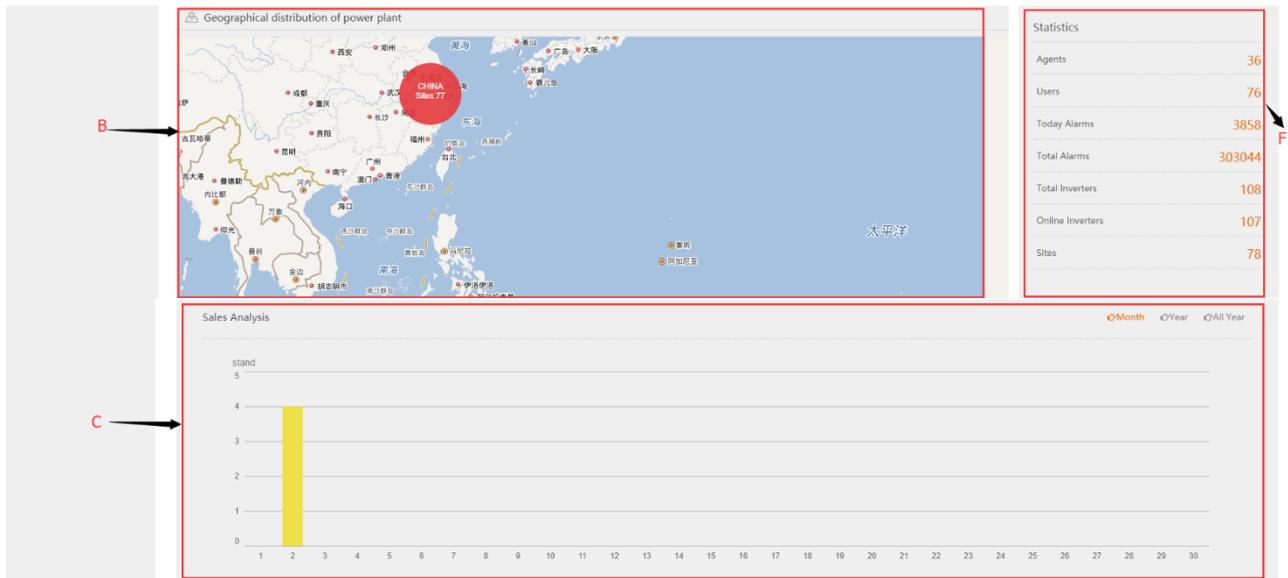
Energy Section:

- Monthly Yield: 5.78 MWh
- Yearly Yield: 5.78 MWh
- Total Yield: 0.16 GWh

Yield Section:

- A bar chart showing daily yield over a 24-hour period. The y-axis represents yield in kWh, ranging from 0 to 40 kWh. The x-axis represents hours from 0 to 23. The chart shows a peak yield of approximately 40 kWh between hours 10 and 12.
- Chart controls: Date: 3, Month: 1, Year: 2018, All Year.
- Legend: Yield (represented by a yellow bar).

A sidebar on the left contains navigation options: Overview, Agents, Users, Sites, Inverters, Alarm Management, Device Management, Statistical Analysis, System Setting, and Notification. A red box highlights the 'Inverters' option, with an arrow pointing to it.



No.	Description
A	Navigation bar: Agents, users, sites, inverters, alarm management, device management, statistical analysis, system setting and notification.
B	Geographical distribution of power plant.
C	Histogram of Sales volume
D	Title bar, including username, system alarm and notification; language switch menu of Chinese, English, German and Italian.
E	Display of daily, monthly, yearly and total yield.
F	Display of agents, users, inverters, alarms associated.

5.2 Agent Management

In this interface, agent can add a new agent or installer, delete an agent or edit the agent registration information for a current agent.

Home > Agents

Agent Name Unit Type Query

No.	Agent Name	Unit Type	Authorization status	Contact person	Telephone	E-mail	Commision Date	Operate
1		agent	Unauthorized				017-12-21 10:29:56	<input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="Print"/>

New Agent

Agent Type Agent Installer

Agent Name *

Short Name

Contact person *

Telephone *

E-mail *

Postcode

Country *

Address *

Introduction

Remark

5.3 Inverter List

Agent can check the inverter details by clicking the inverter serial number, the display is the same as chapter 4 for end-users.

Home > Inverter List

Inverter SN Site Name Nickname Registration No.

Online Status Nation Type Query Export

No.	Inverter SN	Registration No.	Inverter Type	Rated Power	Site Name	Nickname	Daily Yield(KWH)	Total Yield(KWH)	Online Status	Access Time
1	H3E10389066011	SEFSMT5YXB	X3-Hybrid-G1	10	Italy service	Test	0.00	15.30	off-line	2017-11-30 11:36:21

5.4 Alarm Management

Agent can analyze the inverter alarm by different inverter type or a specific inverter SN as shown below.

Product Type < Home > Alarm Type Analysis

- X1-LX
- X-Hybrid
- X1-Hybrid-G3
- X1-Boost/Air/Mini
- X3-Hybrid-G1
- X3-20K/30K
- X3-MIC

No.	Error Code	Error Type	Error Name	Alarm Count
No matching records found				

Home > Alarm Device Analysis

Inverter SN Registration No.

No.	Inverter SN	Registration No.	Nickname	Agent	Manufacturer	Alarm Count	Operate
1	H3E103B9066011	SEFSMT5YXB	Test	-	浙江艾罗电源有限公司	3	

5.5 Device Management

In this interface, agent can associate the inverter SN to this account one by one or by batch, the inverter SN will be displayed on [Inverter List].

Home > New devices

Registration No.

An authorized agent can enter the authorization code approved by users on user' s [Notification] to modify the inverter settings remotely.

www.solaxcloud.com/views/setting/index.html

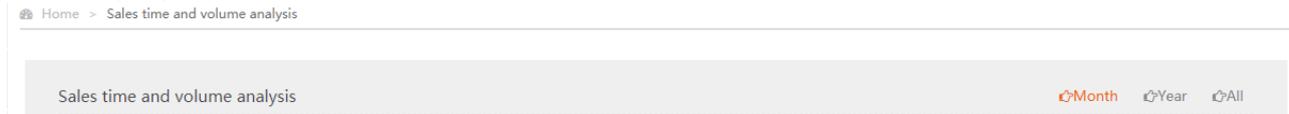


inputAuthCode

Login

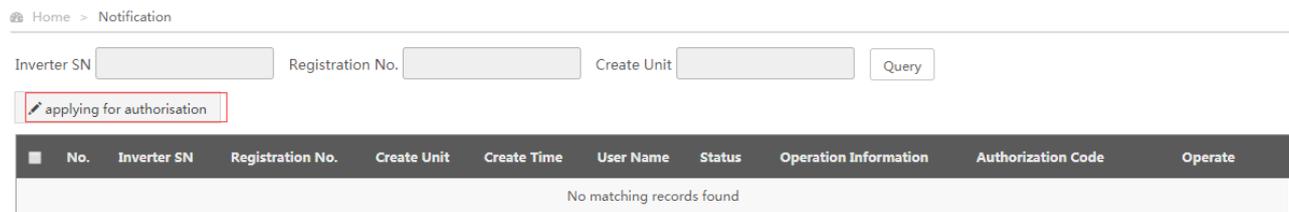
5.6 Sales Statistics

Once an inverter SN is associated by agent on [Device Management], agent can analyze the sales volume by different geographic area.



5.7 Notification

Please click [apply for authorization] if the agent would like to set the inverter parameters remotely on [Device Management].



6 Contact Us

Should you have any questions about this software, please contact us.

Company:	SolaX Power Network Technology (Zhe jiang) Co. , Ltd.
Website:	www.solaxpower.com
Email:	Info@solaxpower.com
Address:	Room 220, West Building A,525 Xixi Rd, Hangzhou, Zhejiang Province, China, 310007
Telephone:	Global Service Center: +86 (571) 56260033 ext 749 General Enquiry: +86 (571) 56260011

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