



Instructions for Use of Solar Data Platform



2021.05.04

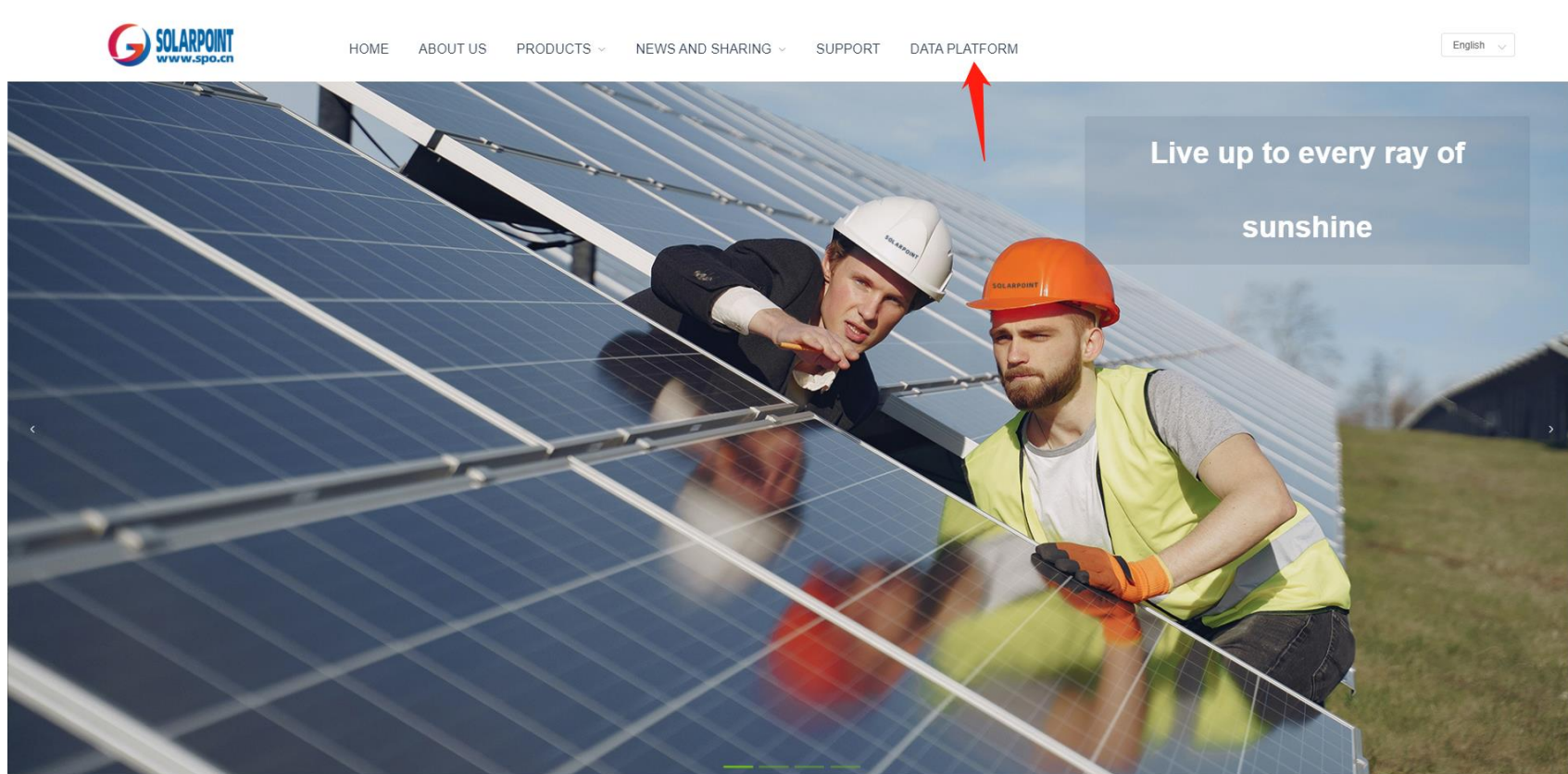


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Website URL

- Enter URL in major browsers www.spo.cn
- Click the **DATA PLATFORM** button to enter the data platform login page



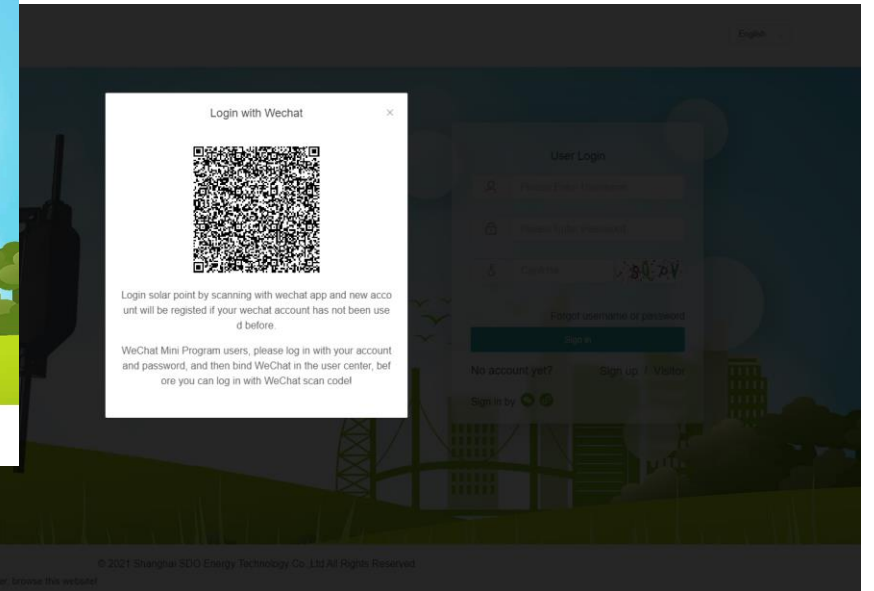
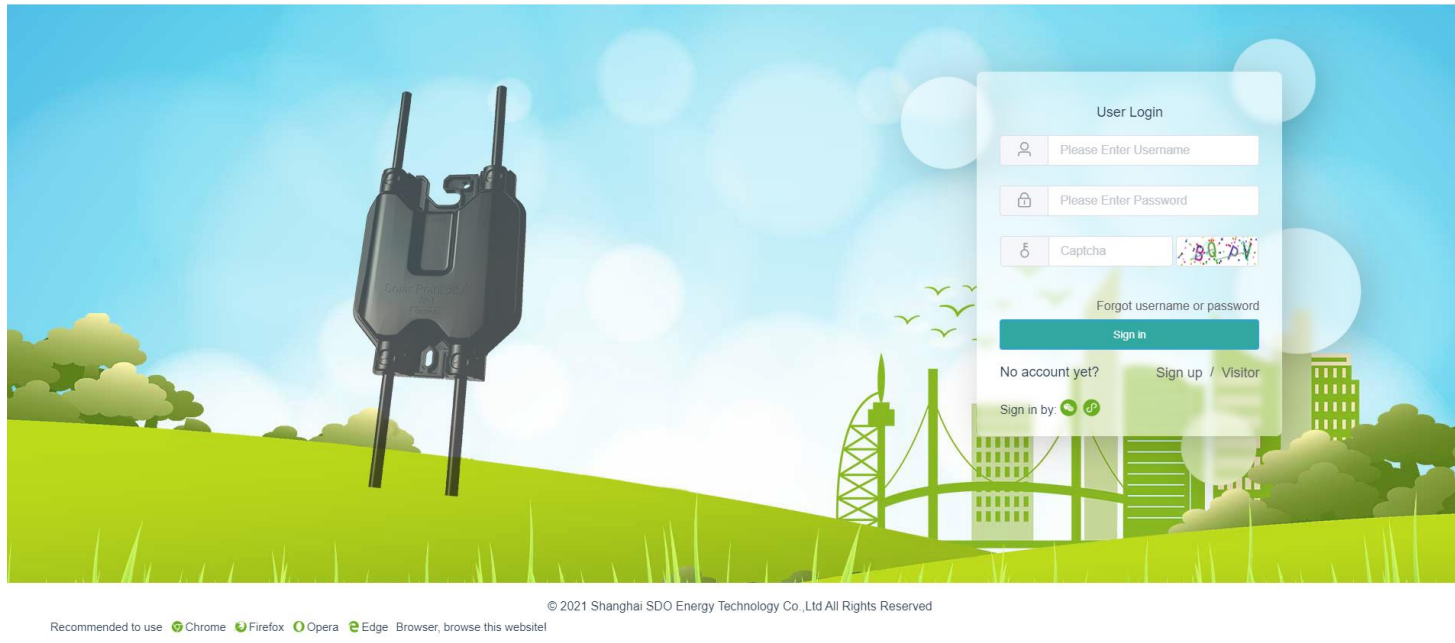
Note: For a better browsing experience, it is recommended to use Chrome, Firefox, Opera, Edge browsers to browse the website!

Login page

- Normally, username and password are used to login.
- WeChat is also can be use to login by scanning one QR code



English




Note:

1. When using QR code to log in, you must ensure that the account has been successfully bound to WeChat in **user center**

Registration and forgot username or password page

- Users without an account can click the **Sign up** button to enter the registration page, and use email or mobile phone number to complete the registration step by step
- If you forget your username or password, you can click the **forgot username or password** button to retrieve your data.

 Create Your Account

Already Have An Account? Please [Sign in](#)

○ Verification >

○ Account Setting >

○ Success


Email

Phone Number

[Email](#) [Click To Verify](#)

[Next](#)

email or mobile phone number

 Forgot username or password

[Please Sign in](#)

○ Verification >

○ Password Resetting >

○ Success

Email

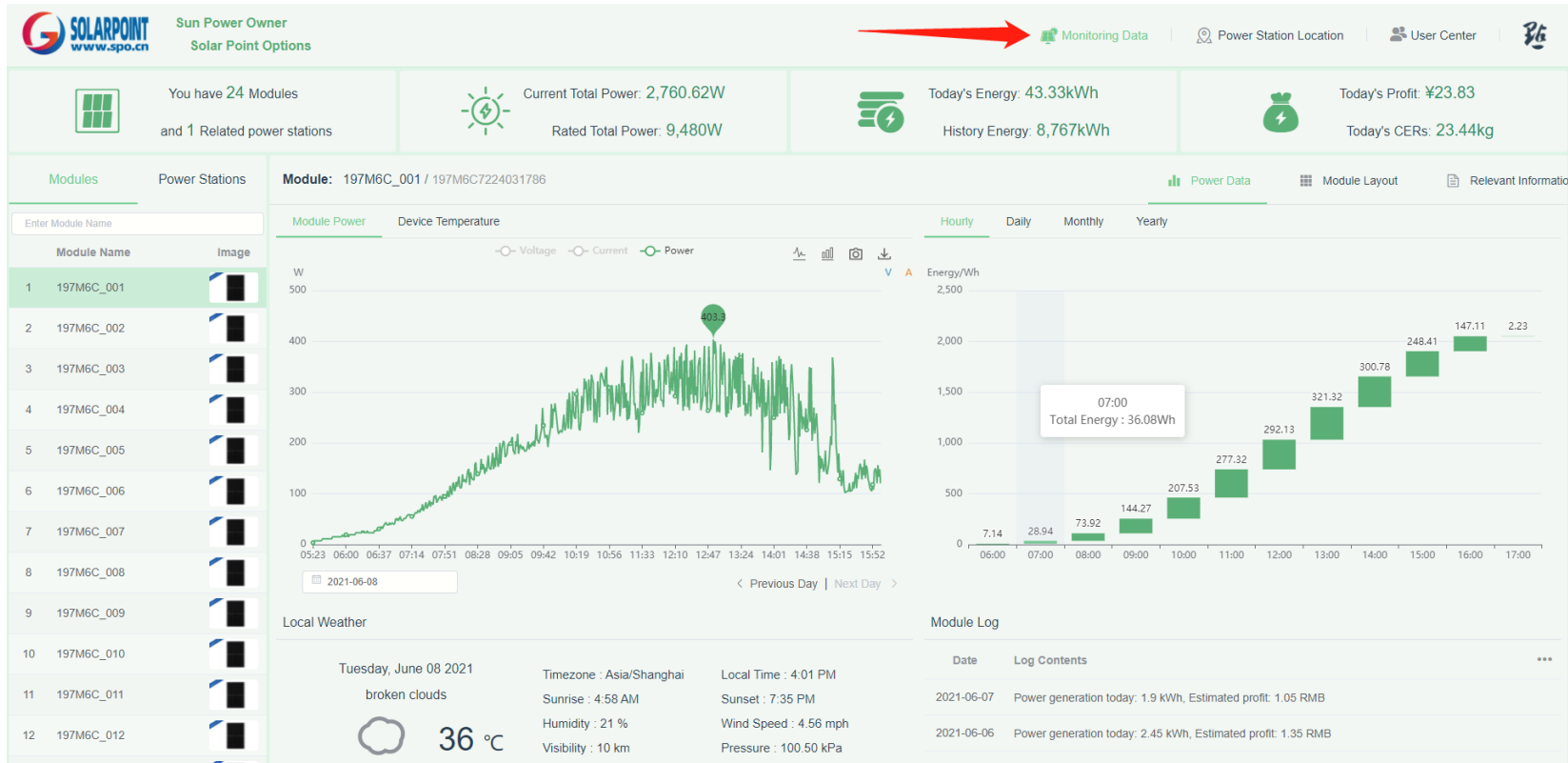
Phone Number

[Email](#) [Click To Verify](#)

[Next](#)

Monitoring data page

- After logging in, you will enter the main page of monitoring data
- Through this page, you can understand the real-time power generation status of each solar module and every power station, periodic power statistics, and the weather of the project site



Solar module distribution and related information page

- Learn about the distribution of solar modules in power station through the distribution page, and intuitively understand the difference in power generation between modules
- Learn more about solar modules and power station through related information pages, and click on the link to view the product specifications of solar modules and smart devices

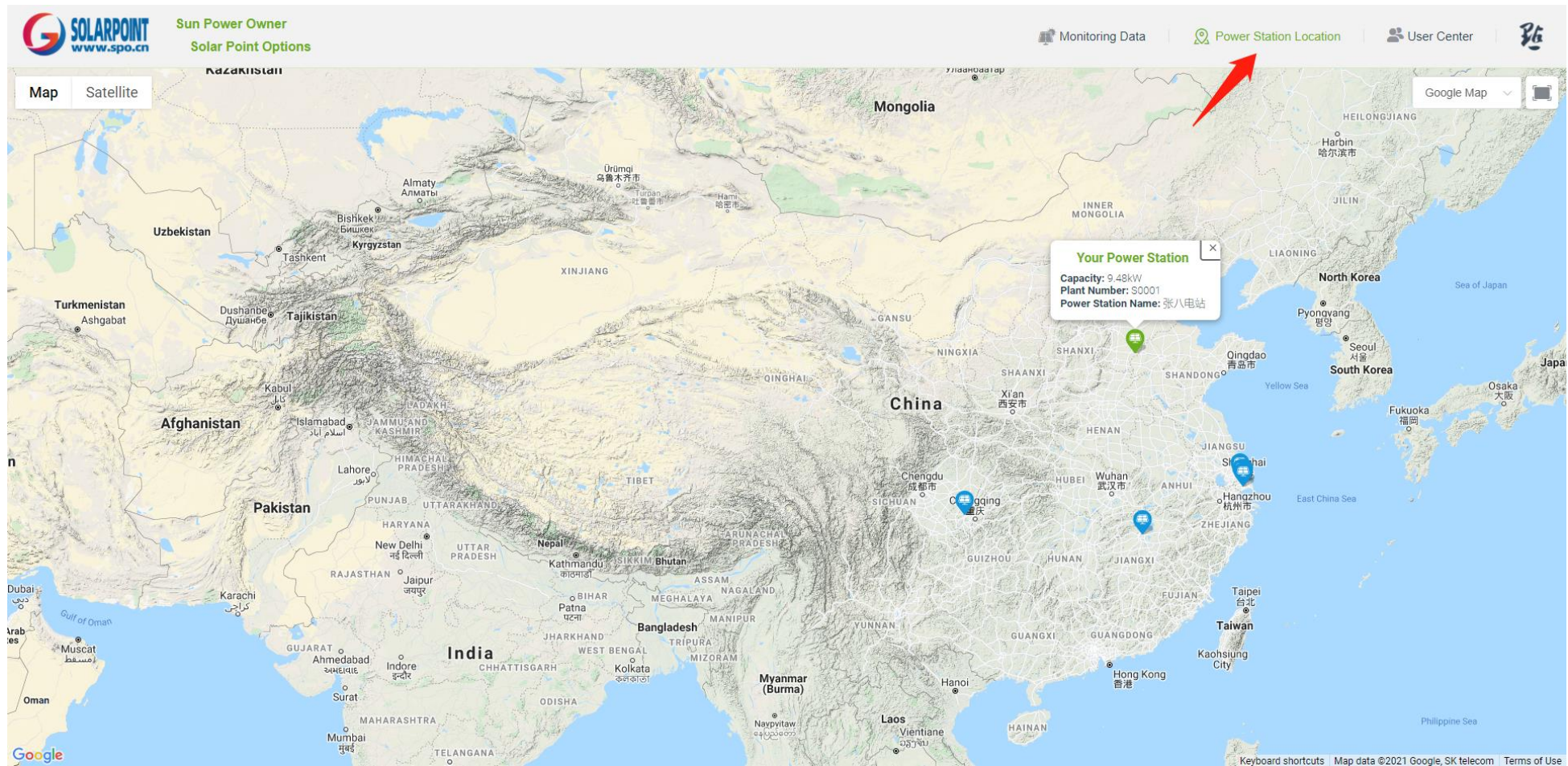
Power Station: 张八电站

Module Name	Power	Voltage
197M6C_001	121.6W	38V
197M6C_002	119.88W	37.4V
197M6C_003	94.64W	36.4V
197M6C_004	94.3W	35V
197M6C_005	91W	36.4V
197M6C_006	95.04W	35.2V
197M6C_007	99.36W	36.8V
197M6C_008	114.7W	37V
197M6C_009	115.94W	37.4V
197M6C_010	102.58W	36.2V
197M6C_011	102.4W	35.8V
197M6C_012	92.5W	37V
197M6C_013	91.5W	36.6V
197M6C_014	102.58W	36.2V
197M6C_015	116.58W	37.6V
197M6C_016	94.64W	36.4V
197M6C_017	103.04W	36.8V
197M6C_018	92.04W	35.4V
197M6C_019	106.72W	36.8V
197M6C_020	119.04W	37.2V
197M6C_021	99.36W	36.8V
197M6C_022	100.44W	37.2V
197M6C_023	90.5W	36.2V
197M6C_024	102.58W	36.2V

Information	Details
1	Module Name: 197M6C_001
2	Module Id: 197M6C7224031786
3	Maximum Power: 395W
4	Start Holding Time: 2020/08/17
5	Power Station: S0001
6	Grid-connected: 2020/08/17
7	Module Type: JAM72S10PR
8	Monitor Type: SP-1
9	Address: 张八镇, Linxi County, Xingtai city, Hebei Pro
10	Profit: 0.55RMB
11	Production Date: 2020/08

Power station distribution page

- The power station distribution page understands the global distribution information of power station through 2D and 3D maps



User center page

- The user information page is used to complete user information supplementation to enhance account security

The screenshot displays the SolarPoint user center interface. The top navigation bar includes the SolarPoint logo, the user's name 'Sun Power Owner', and the website 'Solar Point Options'. The main content area is divided into a left sidebar and a main panel. The sidebar contains a menu with 'User Information' expanded, showing 'Account Details' (highlighted with a red arrow), 'Account Security', 'Module Information', 'Station Information', 'Message Center', and 'FAQ'. The main panel features a large '站' (Station) logo and the user's name 'Mr. 张凯SPO'. Below this, a table lists user details:

Username	solarpoint
Nickname	张凯SPO
Name	*凯
Phone	177*****19
Email	zhang_kai25@163.com
Address	江桥路852号101室, Minhang District
Gender	Male
Wechat Account	张凯

The right side of the main panel shows a 'Please Work With Us To Secure Your Account!' section with a 'Delete Account' button. Below this, a grid of security options is displayed, each with an 'Edit' button and a green checkmark icon:

- Real Name Authentication: *凯 1*****19
- Phone Number: 177*****19
- Email: zhang_kai25@163.com
- Login Password: Improve account security by changing password regularly!
- Security Question: Improve account security!
- Operation Password: Keep secure during trading!

Solar module information page – module list

- Add, edit, delete and other operations related to solar module information on the solar module list page

The screenshot displays the 'Add Module Information' dialog box over a table of existing modules. The dialog box contains the following fields:

- * Module Name:
- * Module Id:
- * Monitor ID:
- * Binding Time:
- * Module Type:
- * Power Station:
- * Location:
- * Inclination:
- Azimuth:
- Comment:

The background table shows the following data:

ID	Name	Status	Power Station	Location	Binding Time	Comment	Profit/kWh	Action	
1	197M6C7224031663	Working	S0001	Row: 1, Col...	JAM72S10-39...	前张八村, L...	2020-08-17	0.55 RMB	[Edit] [Delete]
2	197M6C7224031674	Working	S0001	Row: 1, Col...	JAM72S10-39...	前张八村, L...	2020-08-17	0.55 RMB	[Edit] [Delete]
3	197M6C7224031455	Working	S0001	Row: 1, Col...	JAM72S10-39...	前张八村, L...	2020-08-17	0.55 RMB	[Edit] [Delete]

Note:

1. Please confirm that at least one power station has been created successfully in your account before adding solar module information
2. The power data of solar modules will be calculated from the binding time of solar modules and smart devices. Please fill in this time carefully

Solar module information page - replacement record

- The binding relationship between solar module and smart device can be queried or changed on the smart device replacement record page

Screenshot of the Solar Point Options web interface showing the 'Changed Record of Monitoring Equipment' page. The page includes a sidebar with navigation options like 'User Information', 'Module Information', and 'Station Information'. The main content area shows a dropdown menu for selecting a PV module (currently '197M6C_002') and a table with columns for 'Module Id', 'Monitor ID', 'Binding Time', 'Unbinding Time', 'Binding Period', 'Comment', and 'Operate'. A table row shows a binding record with an 'Unbinding' button. Red arrows and text annotations highlight the dropdown menu and the 'Unbinding' button.

Module Id	Monitor ID	Binding Time	Unbinding Time	Binding Period	Comment	Operate
1	197M6C7224031459	2000067	2020-08-17 10:21:09	295 Day		Unbinding

Note:

1. When changing the binding relationship between solar module and smart device, please confirm that there is no conflict between the binding time and the unbinding time to avoid data statistics errors

Solar module information page -Working status

- The module working status page queries the information about the daily power generation of solar modules and the switch records of solar modules

The screenshot shows the 'Sun Power Owner' interface for 'Solar Point Options'. The left sidebar contains navigation options: User Information, Module Information (with 'Working Status' selected), Station Information, Message Center, and FAQ. The main content area is titled 'Module Log' and 'Module Operation Record'. It features a dropdown menu for selecting a solar module (currently set to '197M6C_006') and a 'Date Range Query' field with 'Start Date' and 'End Date' inputs. Below these is a table with the following data:

	Module Name	Module Id	Log Date	Log Content
1	197M6C_006	197M6C7224031667	2021-06-07	Power generation today: 1.82 kWh, Estimated profit: 1.0 RMB
2	197M6C_006	197M6C7224031667	2021-06-06	Power generation today: 2.37 kWh, Estimated profit: 1.3 RMB
3	197M6C_006	197M6C7224031667	2021-06-05	Power generation today: 2.57 kWh, Estimated profit: 1.41 RMB
4	197M6C_006	197M6C7224031667	2021-06-04	Power generation today: 2.43 kWh, Estimated profit: 1.34 RMB
5	197M6C_006	197M6C7224031667	2021-06-03	Power generation today: 2.02 kWh, Estimated profit: 1.11 RMB
6	197M6C_006	197M6C7224031667	2021-06-02	Power generation today: 1.94 kWh, Estimated profit: 1.07 RMB
7	197M6C_006	197M6C7224031667	2021-06-01	Power generation today: 2.05 kWh, Estimated profit: 1.13 RMB
8	197M6C_006	197M6C7224031667	2021-05-31	Power generation today: 1.84 kWh, Estimated profit: 1.01 RMB
9	197M6C_006	197M6C7224031667	2021-05-30	Power generation today: 2.29 kWh, Estimated profit: 1.26 RMB
10	197M6C_006	197M6C7224031667	2021-05-29	Power generation today: 1.74 kWh, Estimated profit: 0.96 RMB

At the bottom of the table, there is a pagination control showing 'Total 294', '10/page', and page numbers 1 through 30, with 'Go to 1'.

Power station information page –Power station list

- The power station list page completes operations such as adding, editing, and deleting power station related information

Add Power Station Information Click the location in below map to get the longitude and latitude

* Station Name

* Station Type

* Grid-connected

* Profit/kWh RMB

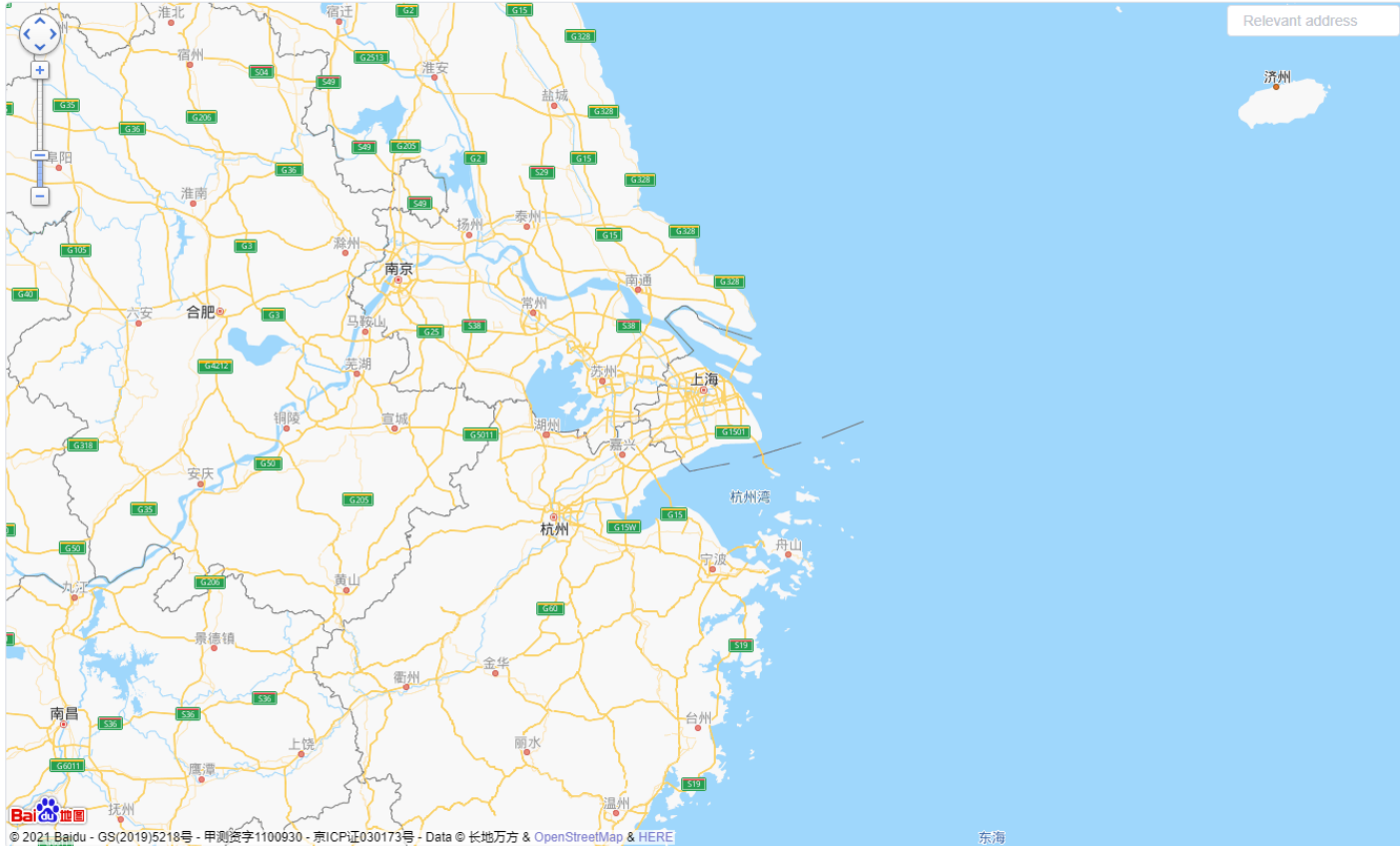
* Azimuth

GC Longitude Latitude

* Address

Comment

Relevant address



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Power station information page –Working status

- The power station working status page queries the power station' s daily power generation information and the power station' s switch records

The screenshot shows the 'Power Station Log' page in the SolarPoint Sun Power Owner system. The page features a sidebar with navigation options: User Information, Module Information, Station Information (with sub-items Power Station List and Working Status), Message Center, and FAQ. The main content area is titled 'Power Station Log' and 'Power Station Switch Record'. It includes a dropdown menu for selecting a PV module (currently set to '张八电站'), a date range query input field, and a table of log entries. The table columns are Station Number, Station Name, Log Date, and Log Content. The log content provides daily power generation and estimated revenue data. A pagination bar at the bottom indicates a total of 292 records, with 10 records per page, and the current page is 1.

Station Number	Station Name	Log Date	Log Content	
1	S0001	张八电站	2021-06-07	Power generation today: 39.67 kWh, Estimated revenue: 21.84 RMB
2	S0001	张八电站	2021-06-06	Power generation today: 51.0 kWh, Estimated revenue: 28.04 RMB
3	S0001	张八电站	2021-06-05	Power generation today: 56.09 kWh, Estimated revenue: 30.85 RMB
4	S0001	张八电站	2021-06-04	Power generation today: 50.56 kWh, Estimated revenue: 27.8 RMB
5	S0001	张八电站	2021-06-03	Power generation today: 44.2 kWh, Estimated revenue: 24.32 RMB
6	S0001	张八电站	2021-06-02	Power generation today: 42.32 kWh, Estimated revenue: 23.26 RMB
7	S0001	张八电站	2021-06-01	Power generation today: 45.96 kWh, Estimated revenue: 25.26 RMB
8	S0001	张八电站	2021-05-31	Power generation today: 40.15 kWh, Estimated revenue: 22.11 RMB
9	S0001	张八电站	2021-05-30	Power generation today: 50.37 kWh, Estimated revenue: 27.72 RMB
10	S0001	张八电站	2021-05-29	Power generation today: 37.05 kWh, Estimated revenue: 20.36 RMB

Message center page

- The warning message page can query the abnormal warning information of solar module and the statistics of warning messages

The screenshot shows the SolarPoint web interface for a Sun Power Owner. The page is titled "Warning Message List" and "Warning Message Statistics". On the left, a navigation menu includes "User Information", "Module Information", "Station Information", "Message Center", "Warning Message", and "FAQ". The "Warning Message" item is highlighted with a red arrow. The main content area features a search bar for "Serial Number" with a placeholder "Please enter data you want search" and a search button "Q". A red arrow points to this search bar with the text "Query information by module ID". To the right of the search bar is a "Date Range Query" section with "Start Date" and "End Date" input fields, also highlighted with a red arrow and the text "Select query period". Below the search and date range sections is a table with columns: "Module Name", "Serial Number", "Time", "Content", "Status", and "All Read". The table currently displays "No Data".



THANKS!



2021.05.04

