

# User Manual for Installers

SOLARMAN Business is the 3<sup>rd</sup> generation platform especially designed for PV monitoring and O&M. And this user manual will guide you to operate account registration, plant creation, device addition, and authorization.

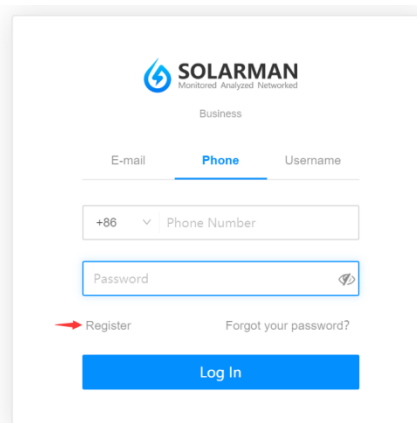
Let's get started!

## Account Registration

If you do not have an account on SOLARMAN Business, please go to login page and register. [ <https://pro.solarmanpv.com/login> ]

### Step 1: Go to Login Page

Click **“Register”** as shown in the following page.



Download APP English ▾

Current Version v1.5.5

Chrome58+, Firefox49+ are recommended

T&Cs Privacy Policy

Login Page

## Step 2: Complete the Registration

### 1. Enter E-mail or Phone Number

- 1) Please enter a right E-mail or phone number, and verify it.
- 2) After verified its validity, please tick the box of ***T&Cs and Privacy Policy***.

Tip: SOLARMAN Business supports registration via phone number and E-mail, users can click the button as shown in the following page to switch.

The screenshot shows the SOLARMAN Business Register page. At the top, there is a logo for SOLARMAN Business and a 'Register' button. To the right, there is a link for 'Already have a business account? Log In.' and a language dropdown menu set to 'English'. Below the header, a progress bar indicates four steps: 1. Enter E-mail or Phone Number (highlighted in blue), 2. Enter Account Info, 3. Enter Business Info, and 4. Registered. The main form area contains an 'E-mail' input field, a 'Verification Code' input field with a 'Send' button, a checked checkbox for 'I have read and agreed T&CsPrivacy Policy', and a 'Next' button. At the bottom, there is a red arrow pointing to a link that says 'Switch to phone registration>>'.

### 2. Enter Account Info

If a new account is created on SOLRMAM Business, please complete the account information here.

The screenshot shows the SOLARMAN Business Register page at Step 2: Enter Account Info. The progress bar at the top shows four steps: 1. Enter E-mail or Phone Number, 2. Enter Account Info (highlighted in blue), 3. Enter Business Info, and 4. Registered. The main form area contains four input fields: '\*Name', 'Username', '\*Password' (with a note 'At least 6 characters' and an eye icon), and '\*Please confirm' (with a note 'Confirm Password (At least 6 Characte' and an eye icon). A 'Next' button is located at the bottom of the form.

### 3. Enter Business Info

Please select Business Type, Business Area, Service Type and enter Business Name here.

The screenshot shows the 'SOLARMAN Business Register' page. At the top, there is a navigation bar with the SOLARMAN logo, 'Business Register', and a link 'Already have a business account? Log In.' with a language dropdown set to 'English'. Below the navigation bar is a progress indicator with four steps: 1. Enter E-mail or Phone Number, 2. Enter Account Info, 3. Enter Business Info (highlighted in blue), and 4. Registered. The main content area contains the following fields and options:

- Business Type:** Radio buttons for 'Enterprise' (selected) and 'Individual'.
- \*Business Name:** Two input fields. The first is labeled 'English' and contains 'Business Name'. The second is labeled '简体中文' and also contains 'Business Name'. A red arrow points to the first field.
- \*Business Area:** A dropdown menu with 'China' selected.
- Type:** Radio buttons for 'Installation O&M Provider' (selected), 'Distributor', and 'Manufacturer'.
- Next:** A grey button at the bottom.

### 4. Registered

Please click the "Finished and Log in" button to skip to the login page, and log in.

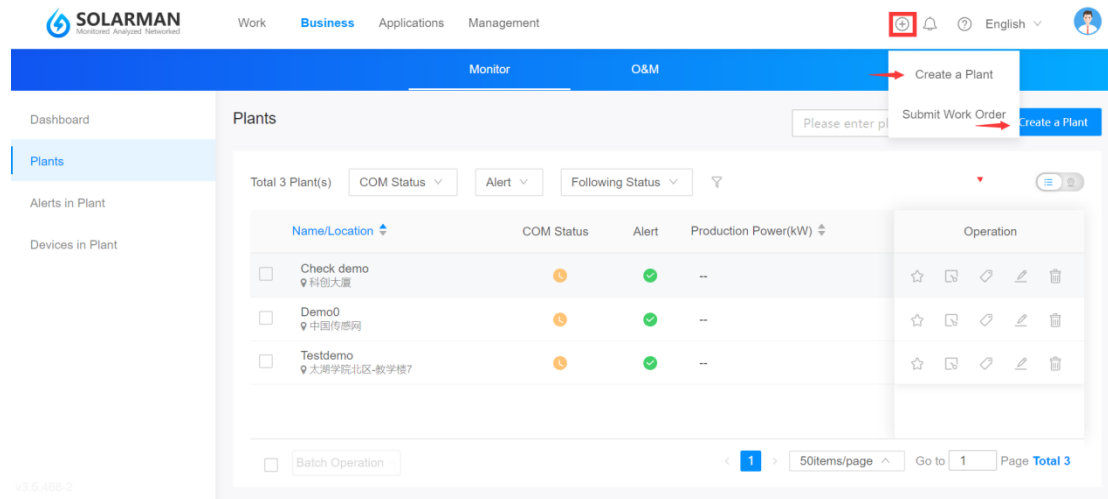
The screenshot shows the 'SOLARMAN Business Register' page. At the top, there is a navigation bar with the SOLARMAN logo, 'Business Register', and a link 'Already have a business account? Log In.' with a language dropdown set to 'English'. Below the navigation bar is a progress indicator with four steps: 1. Enter E-mail or Phone Number, 2. Enter Account Info, 3. Enter Business Info, and 4. Registered (highlighted in blue). The main content area contains the following elements:

- Created!** A message indicating successful registration.
- Finished and Log In:** A blue button at the bottom.

# Create a Plant

## Step 1: Go to Plants Page

Go to **[Business] - [Plants] - [Create a Plant]**, or click the "+" in the upper-right corner and select "Create a Plant".

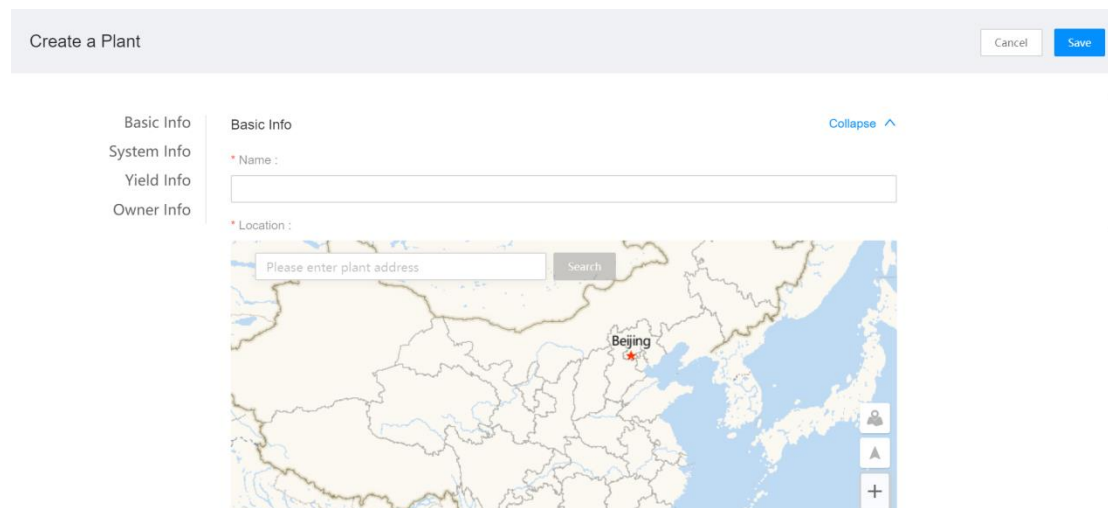


## Step 2: Enter Plant Info

Please enter the plant information here. The asterisked field are required.

### 1. Basic Info

Please enter Plant Name, Plant Location, Coordinates and other basic info here.



Go to Location field and search, system will automatically fill in the details according to what you enter.

Create a Plant Cancel Save

Basic Info  
System Info  
Yield Info  
Owner Info

\* Location :

Search

- SAN FRANCISCO COFFEE 上海市闵行区
- San Francisco开始 山东省聊城市冠县
- SAN FRANCISCO,CALIFORNIA 上海市静安区
- San Francisco蜜罐修图 云南省昆明市盘龙区

\* Region :

China ^    Jiangsu ^    Wuxi ^    Xinwuqu ^

\* Address :

China Sensor Network

\* Coordinates :

Longitude  °  '  "    Latitude  °  '  "

Time Zone :     Creation Time : 2020/11/16

## 2. System Info

Please enter Plant Type, System Type, Capacity, Azimuth, Tilt Angle, and Commissioning Date here.

Notice: SOLARMAN Business will display plant layout according to System Type, and analyze plant data according to Capacity, please enter the fields correctly.

System Info Collapse ^

Plant Type :

System Type :

\* Capacity(kWp):

Azimuth(°):

Tilt Angle(°):

Operating (Grid-connected/Production):

### 3、Yield Info and Owner Info

Please enter Yield Info and Owner Info here.

Notice: Please double check the Currency field cause it will influence yield calculation.

Yield Info Collapse ^

* Currency :	Unit Price(USD/kWh)
<input type="text" value="USD"/>	<input type="text"/>
Subsidy income(USD/kWh)	Total Cost(USD):
<input type="text"/>	<input type="text" value="0"/>
Daily repayment(USD)	
<input type="text"/>	

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Owner Info Collapse ^

Contact Person :	Phone Number :
<input type="text"/>	<input type="text"/>
Business Name :	
<input type="text"/>	


### 4. Created

After all plant information is entered, click "Save" in the upper-right corner to complete.

Create a Plant Cancel Save

Basic Info Collapse ^

\* Name :

\* Location : 

Tip: Users can directly add a device or operate authorization here.

Create a Plant Done

Your plant has been created! Please follow the steps below to complete system commissioning.

- Add a New Gateway/Logger** Unfold ▾  
Please enter a gateway/logger SN which belongs to the plant, system will get data from the gateway/logger and its sub-system.
- Authorize Users** Unfold ▾  
Other users are eligible to check the plant after your authorization.
- Authorize Business Units** Unfold ▾  
Other business units are eligible to check the plant after your authorization.
- Authorize Internal Members** Unfold ▾  
Other members are eligible to check the plant after your authorization. You can skip it now and do it later in Plant Details.
- Select Tags** Unfold ▾  
You can tag the plant, which is convenient for you to spot it. You can skip it now and do it later in Plant Details.
- Add a New Sub-system** Unfold ▾  
You can create a sub-system of the plant by adding devices into the sub-system, and get a separate view on it.

## Add a Device

Go to Add a New Gateway/Logger field and click "Collapse/Unfold" .

Click "+SN" and enter the target SN to add a device.

Create a Plant Done

Your plant has been created! Please follow the steps below to complete system commissioning.

- Add a New Gateway/Logger** Collapse ▲  
Please enter a gateway/logger SN which belongs to the plant, system will get data from the gateway/logger and its sub-system.
- Authorize Users** Unfold ▾  
Other users are eligible to check the plant after your authorization.
- Authorize Business Units** Unfold ▾  
Other business units are eligible to check the plant after your authorization.
- Authorize Internal Members** Unfold ▾  
Other members are eligible to check the plant after your authorization. You can skip it now and do it later in Plant Details.
- Select Tags** Unfold ▾  
You can tag the plant, which is convenient for you to spot it. You can skip it now and do it later in Plant Details.
- Add a New Sub-system** Unfold ▾

### Add a Device

Add a New Gateway/Logger ×

SN:

Enter Device SN

Add a New Gateway/Logger

You can do the following operations to the gateway/logger

Sub-device Adding : Auto-adding (Recommended) ?

If the gateway/logger is used for microinverter and the gateway/logger is used for multiple plants, please select Manual-adding here.

Done

Done

Create a Plant

Done

Your plant has been created! Please follow the steps below to complete system commissioning.

Add a New Gateway/Logger

Collapse ^

Please enter a gateway/logger SN which belongs to the plant, system will get data from the gateway/logger and its sub-system.

Authorize Users

Unfold v

Other users are eligible to check the plant after your authorization.

Authorize Business Units

Unfold v

Other business units are eligible to check the plant after your authorization.

Authorize Internal Members

Unfold v

Other members are eligible to check the plant after your authorization. You can skip it now and do it later in Plant Details.

Select Tags

Unfold v

You can tag the plant, which is convenient for you to spot it. You can skip it now and do it later in Plant Details.

Add a New Sub-system

Unfold v

Tip: If the device is Logger (WiFi), network configuration is required. Please configure at SOLARAM Business App first.



**SOLARMAN Business APP**

One-stop O&M, After Service Management Software



# Authorization

## 1. Create a New User

Go to Authorize Users field and click "Collapse/Unfold" .

Click "+User" and create a new user.

Create a Plant Done

Your plant has been created! Please follow the steps below to complete system commissioning.

**Add a New Gateway/Logger** Unfold ▾  
Please enter a gateway/logger SN which belongs to the plant, system will get data from the gateway/logger and its sub-system.

---

**Authorize Users** Collapse ▲  
Other users are eligible to check the plant after your authorization.

[+User](#)

Search for System-wide Users

[Create a New User](#)

---

**Authorize Business Units** Unfold ▾  
Other business units are eligible to check the plant after your authorization.

---

**Authorize Internal Members** Unfold ▾  
Other members are eligible to check the plant after your authorization. You can skip it now and do it later in Plant Details.

---

**Select Tags** Unfold ▾

Please enter user information here and click "Save".

Notice: Users select authorized external role here.

Create a New User Cancel Save

E-mail  Phone number

\* Name

\* Phone Number  Phone Number

Username

Original Password

\* Authorized External Role

## 2. Search for System-wide Users

1. Go to Authorize Users field and click "Collapse/Unfold" .

Click "Search for System-wide Users" to authorize.

Create a Plant Done

Your plant has been created! Please follow the steps below to complete system commissioning.

**Add a New Gateway/Logger** Unfold ▾  
Please enter a gateway/logger SN which belongs to the plant, system will get data from the gateway/logger and its sub-system.

---

**Authorize Users** Collapse ▲  
Other users are eligible to check the plant after your authorization.

[+User](#)

[Search for System-wide Users](#)

Create a New User

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**Authorize Business Units** Unfold ▾  
Other business units are eligible to check the plant after your authorization.

---

**Authorize Internal Members** Unfold ▾  
Other members are eligible to check the plant after your authorization. You can skip it now and do it later in Plant Details.

---


**Select Tags** Unfold ▾

2. Enter the user information (e.g. name, E-mail, phone number) in the pop-up dialog to search for target user.

Search for System-wide Users ×

demo0 × 🔍

Search Results:



Demo

📞

📧 demo0@solarman.com

Added

Cancel

### 3. Select an external role and click "Save".

Search for System-wide Users Cancel Save

Name	* Authorized External Role
Demo	<div style="border: 1px solid #ccc; padding: 2px;"><span style="border: 1px solid #ccc; padding: 1px 5px;">-Please Select-</span> <span style="float: right;">v</span></div> <div style="border: 1px solid #ccc; padding: 2px; margin-top: 2px;"><span>Default External Role</span></div> <div style="border: 1px solid #ccc; padding: 2px; margin-top: 2px;"><span>Owner</span></div>

### 4. Click the "Done" in the upper-right corner to complete.

Create a Plant Done

Your plant has been created! Please follow the steps below to complete system commissioning.

**Add a New Gateway/Logger** Unfold v

Please enter a gateway/logger SN which belongs to the plant, system will get data from the gateway/logger and its sub-system.

**Authorize Users** Collapse ^

Other users are eligible to check the plant after your authorization.

Demo x +User x

**Authorize Business Units** Unfold v

Other business units are eligible to check the plant after your authorization.

**Authorize Internal Members** Unfold v

Other members are eligible to check the plant after your authorization. You can skip it now and do it later in Plant Details.

**Select Tags** Unfold v

You can tag the plant, which is convenient for you to spot it. You can skip it now and do it later in Plant Details.

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