

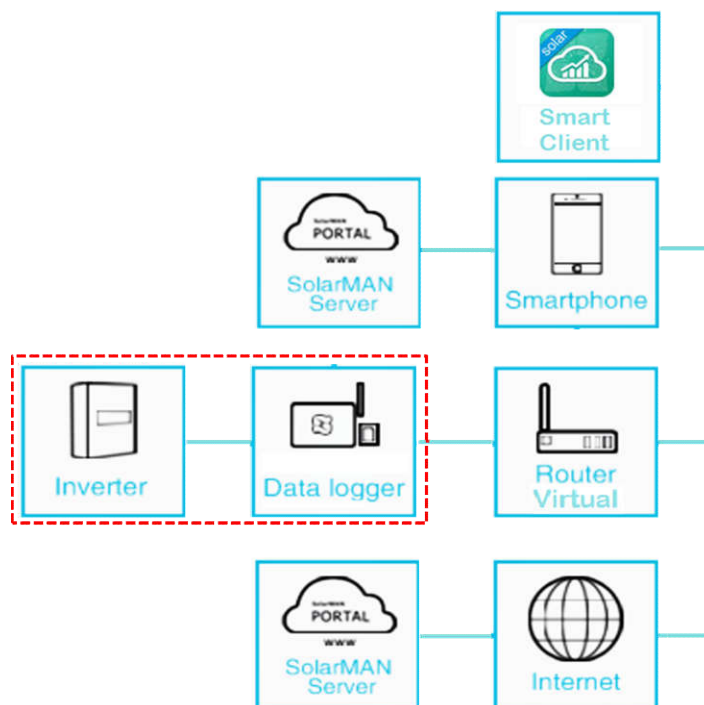
MANUAL

WIFI-SOLAR FACTORY

Arquitectura de red (WIFI)

WIFI-SOLAR FACTORY

El monitoreo del arreglo de paneles solares se realiza por medio de WiFi, a través de la siguiente arquitectura.



El inversor trae integrado el módulo Data Logger, y a través de ruteador virtual se realiza el enlace ya sea a una Pc, Lap Top ó Smart phone y un sw adecuado para cada caso; Shine monitor (Solar Man) para PC, LapTop, Smart phone y SmartClient para Smart phone.

Proceso para enlazar a través de una PC o LapTop

- A.- Crear una cuenta en la plataforma SOLAR FACTORY
- B.- Crear enlace WiFi del módulo Data Logger y la red de internet propia.
- C.- Monitorear el sistema (paneles) desde PC o Lap

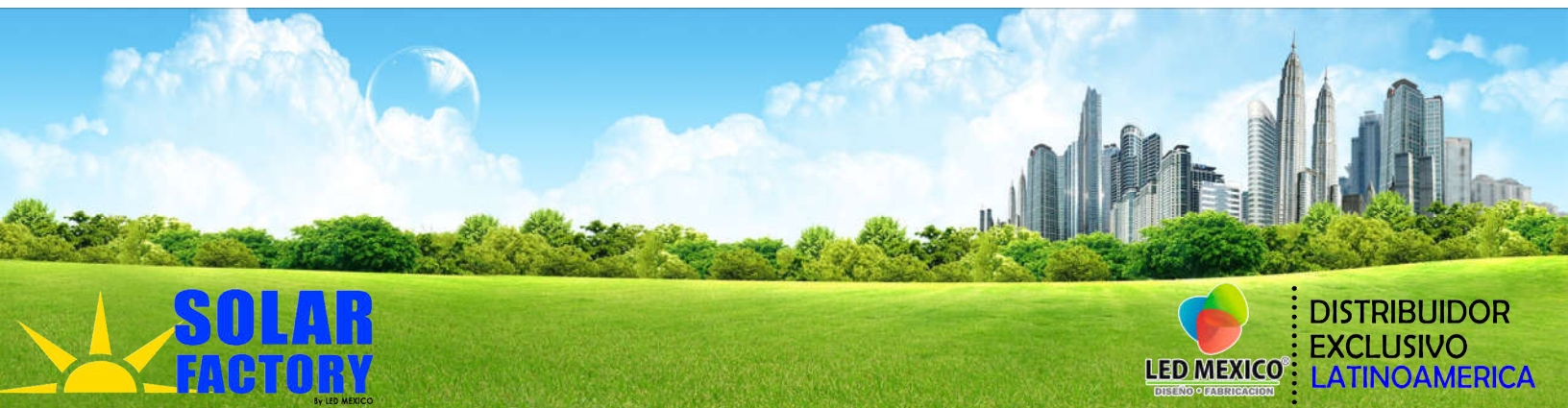
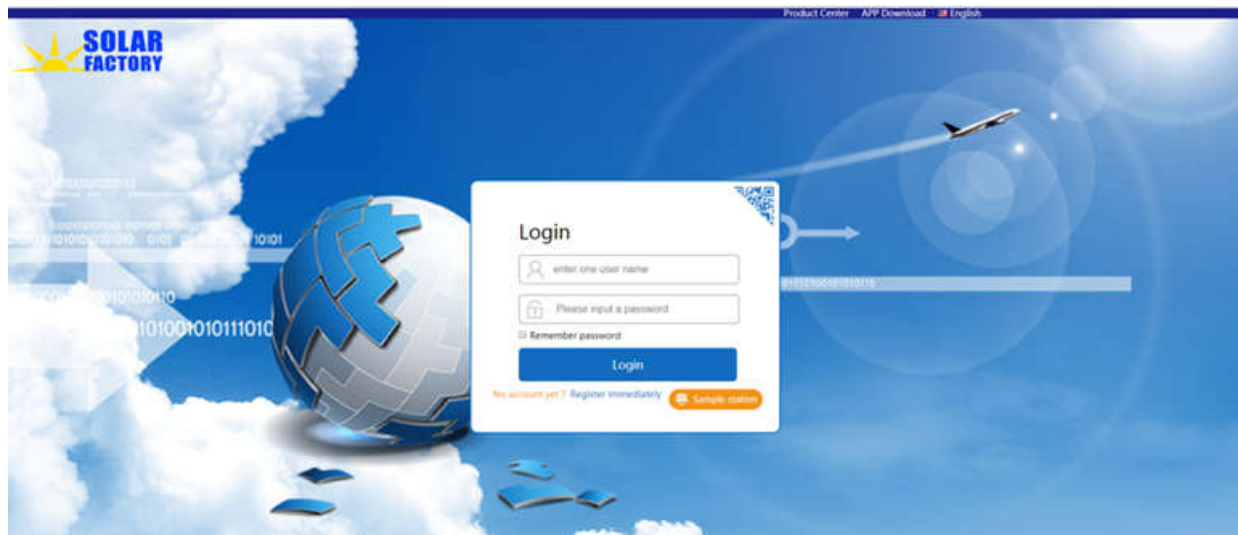


Arquitectura de red (WIFI)

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A.- Crear una cuenta en la plataforma SOLAR FACTORY

Entrar al web site solarfactory.shinemonitor.com



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1) Crear Nuevo Usuario o Nueva cuenta.

2.1 Dar click en New User.

2) Completar todos los campo (*)

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Register

Existing account? [Login immediately](#)



 **DISTRIBUIDOR
EXCLUSIVO
LATINOAMERICA**



Arquitectura de red (WIFI)

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3) Después de completar los campos , (dar click en REGISTER.)

Phone * ?

Datalog PN *

Next Step

4) Después de completar los campos , (dar click en NEXT STEP.)

5) Completar los campos solicitados (*), (dar click Next Step para completar el reg.)

1. Installation information

Plant name

Plant installation date

Design Power kW

Design companies

2. Plant location

Country

Province/State

City

Address

Timezone

Longitude

Latitude

3. Set income formula (Set 1kwh as standard)

☐ Default ☒ Customize

Capital gains USD(\$)

Coal saved(kg)

CO₂ reduced(kg)

SO₂ reduced(kg)

4. Set plant overview

Plant image No file chosen

(Picture upload only supports jpg, png format, pictures can not exceed 8M)

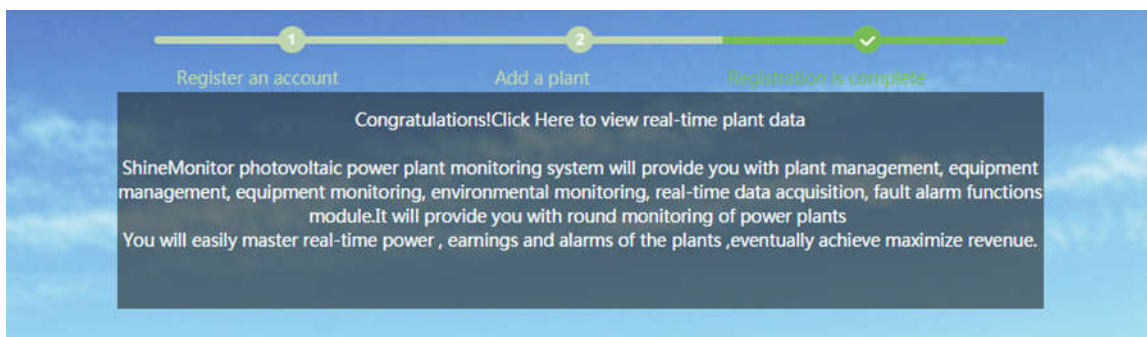
Next Step

Arquitectura de red (WIFI)

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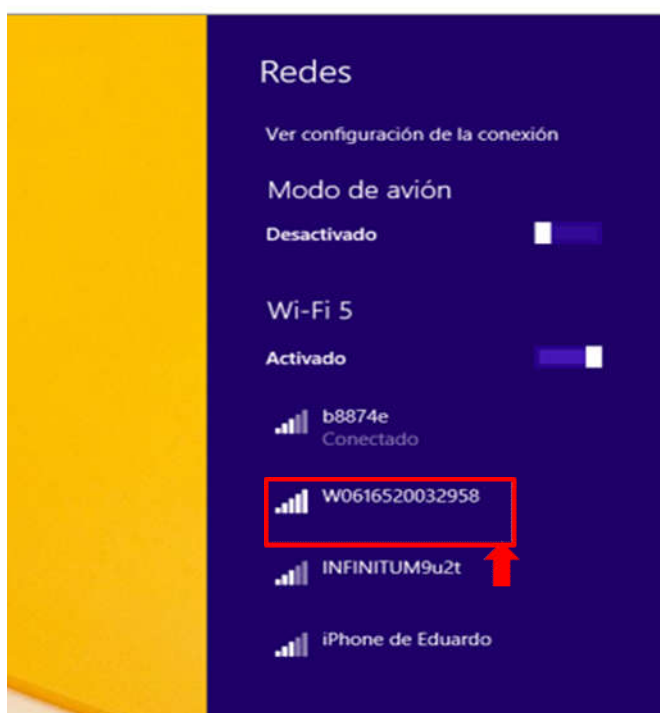
6) Se complete el registro



B.- Crear enlace WiFi del módulo Data Logger y la red de internet propia.

1) Conectese al Kit WiFi (normalmente inicia con W.....).

Password 12345678

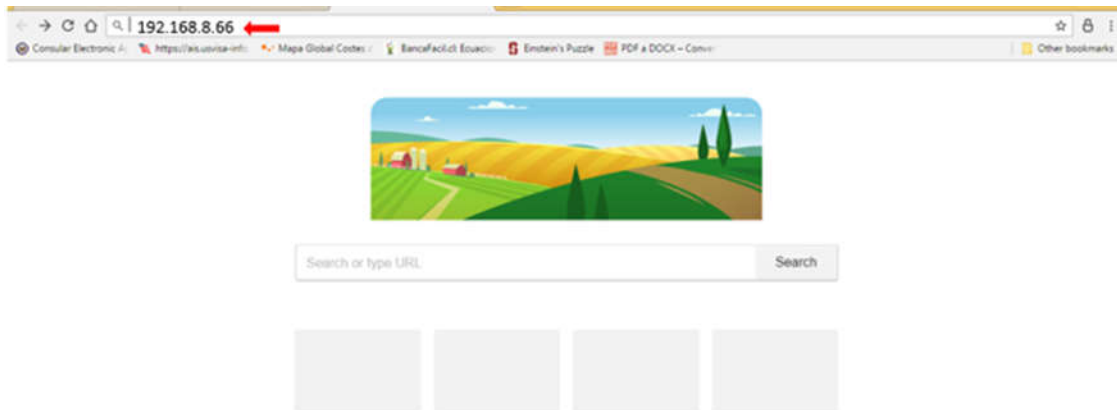


Arquitectura de red (WIFI)

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2) Abra una sección nueva del explorador y escribe la IP 192.168.8.66

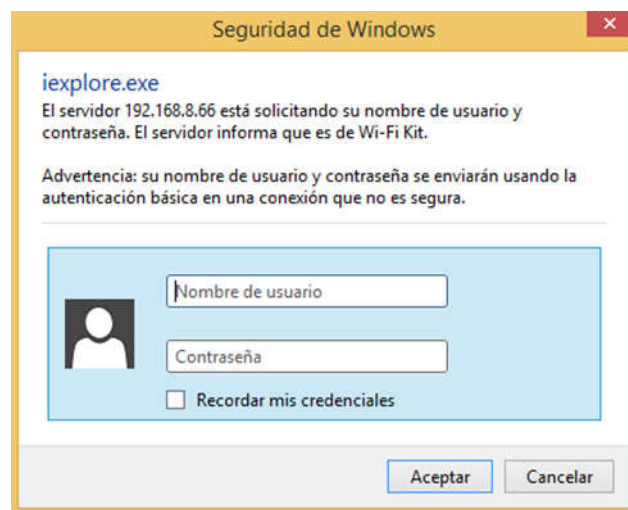


3)

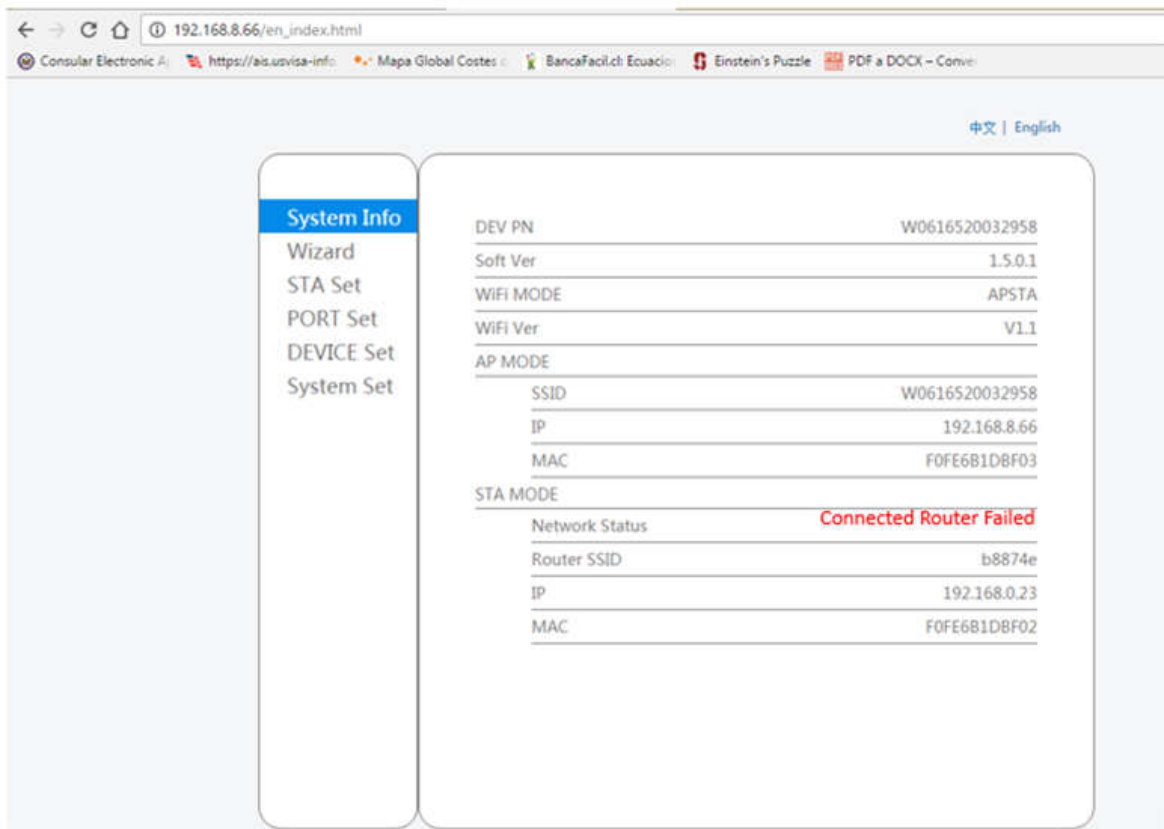
Nombre de usuario: **admin**

Contraseña: **admin**

Dar click en **aceptar**



4) Seleccionar STA Set



The screenshot shows a web browser interface for configuring a WiFi device. The address bar shows the URL 192.168.66/en_index.html. The page has a sidebar menu on the left with options: System Info, Wizard, STA Set, PORT Set, DEVICE Set, and System Set. The main content area displays configuration details for the device.

System Info	
DEV PN	W0616520032958
Soft Ver	1.5.0.1
WIFI MODE	APSTA
WIFI Ver	V1.1
AP MODE	
SSID	W0616520032958
IP	192.168.8.66
MAC	F0FE6B1D8F03
STA MODE	
Network Status	Connected Router Failed
Router SSID	b8874e
IP	192.168.0.23
MAC	F0FE6B1D8F02

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- 5) Se seleccionará la red de internet (propia), que se usará como ruteador.
Seleccionar **Scan** en la sección de Router Setting

Router Setting

Network Name(SSID) **Scan**

Encryption Method

Encryption Algorithm

Password

Obtain an IP address automatically

IP Address

Subnet Mask

Gateway Address

DNS Server Address

Save

Wi-Fi AP Setting

AP SSID

Save

- 6) Seleccionar la red de internet propia a usar y dar click a OK

Router Setting

Please select your current wireless network

SSID	BSSID	RSSI	Channel
abde0a	70:54:D2:5B:6E:54	35	1
757126	4C:72:B9:01:F0:ED	0	1
INFINITUM2704_2.4	D4:63:FE:B9:38:AD	0	1
INFINITUMxpgv	A4:BA:76:44:22:A4	11	3
INFINITUMm8b9	94:FE:22:D9:81:78	0	5
INFINITUMZ260	A8:D3:F7:9B:43:0A	0	6
e80b46	00:71:C2:1C:96:0E	0	6
INFINITUM9u2t	5C:F9:6A:A1:49:A0	18	8
INFINITUMgb57	7C:B1:5D:4A:21:94	11	9
b8874e	54:BE:F7:90:31:8E	45	11
INFINITUMunj8	00:0C:43:53:92:00	6	11

OK Refresh

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7) Dar click a OK

System Info
Wizard
STA Set
PORT Set
DEVICE Set
System Set

192.168.8.66 says:
The password is empty!
☐ Prevent this page from creating additional dialogs.

Network Name	MAC Address	Signal Strength	Channel
INFINITUMxpgv	A4:BA:76:44:22:A4	9	3
ARRIS-5322	78:71:9C:3D:53:20	11	6
INFINITUM9u2t	5C:F9:6A:A1:49:A0	18	8
INFINITUMgb57	7C:B1:5D:4A:21:94	11	9
b8874e	54:BE:F7:90:31:8E	16	11
INFINITUM1C762A	00:24:17:8C:34:91	0	11
INFINITUMunj8	00:0C:43:53:92:00	0	11

OK Refresh

8) Dar el password de la red seleccionada, y después click en SAVE

System Info
Wizard
STA Set
PORT Set
DEVICE Set
System Set

Router Setting
Network Name(SSID) INFINITUM9u2t
Note: case sensitive Scan

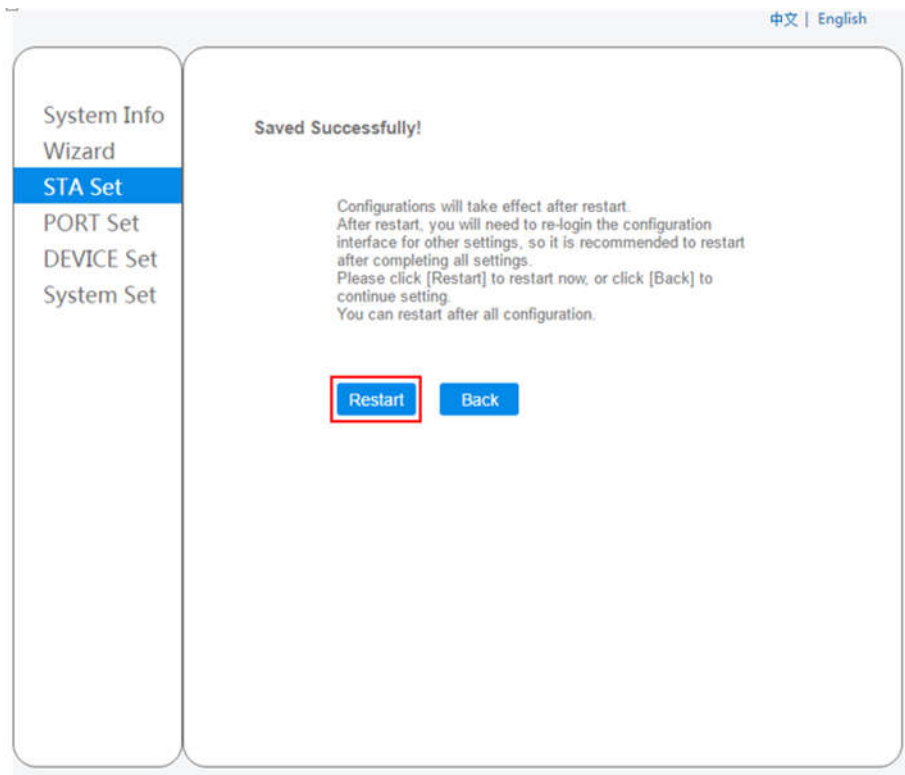
Encryption Method WPA2PSK
Encryption Algorithm AES
Password
☐ Show Words

Obtain an IP address automatically Enable

IP Address 192.168.0.23
Subnet Mask 255.255.255.0
Gateway Address 192.168.0.1
DNS Server Address 10.10.100.254

Save

9) Reiniciar el módulo STA, dar click RESTART



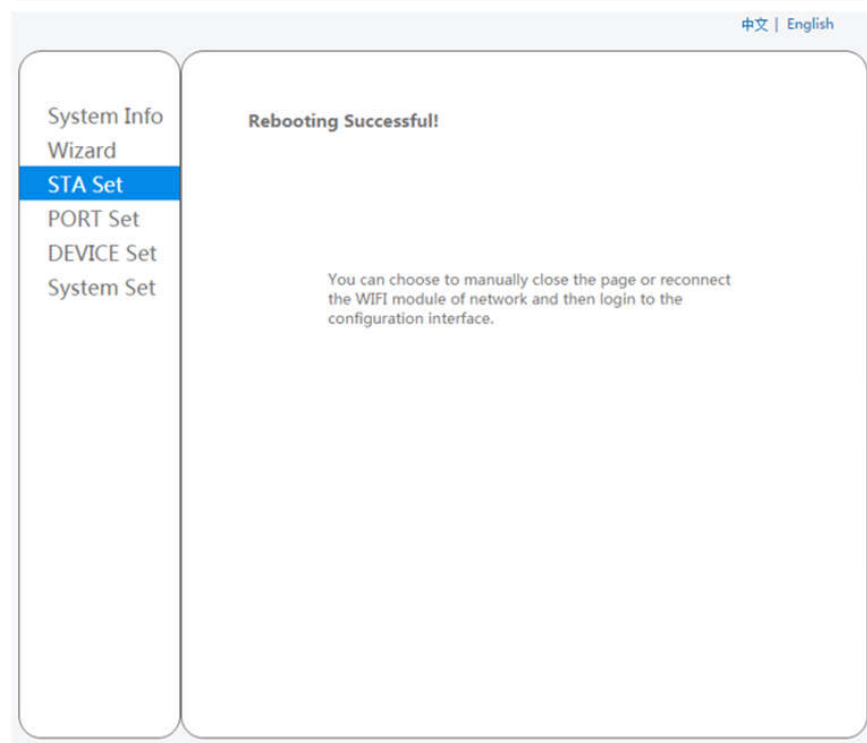
中文 | English

System Info
Wizard
STA Set
PORT Set
DEVICE Set
System Set

Saved Successfully!

Configurations will take effect after restart.
After restart, you will need to re-login the configuration interface for other settings, so it is recommended to restart after completing all settings.
Please click [Restart] to restart now, or click [Back] to continue setting.
You can restart after all configuration.

Restart **Back**



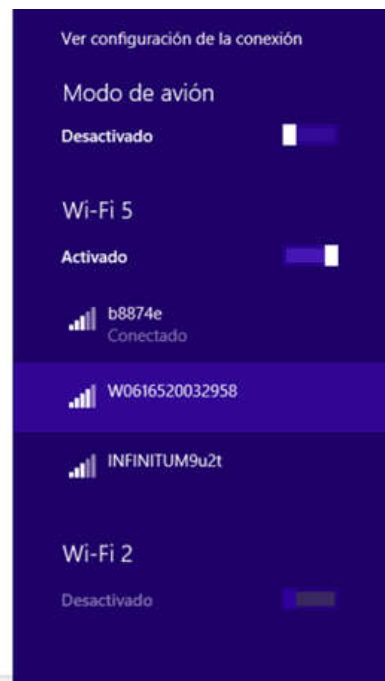
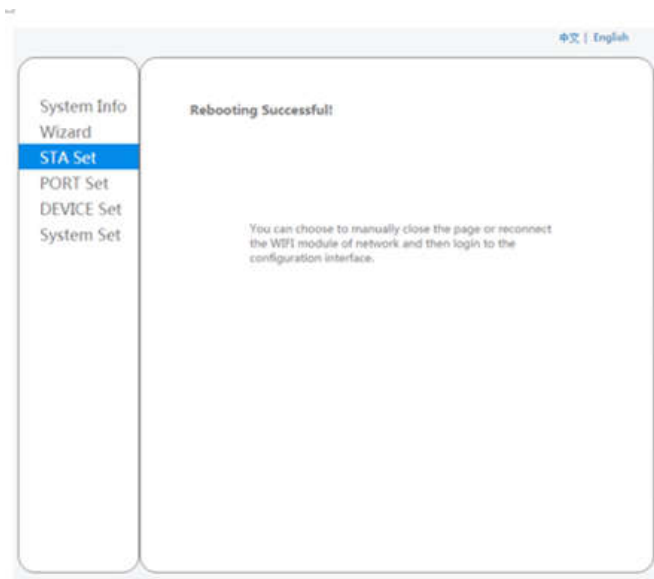
中文 | English

System Info
Wizard
STA Set
PORT Set
DEVICE Set
System Set

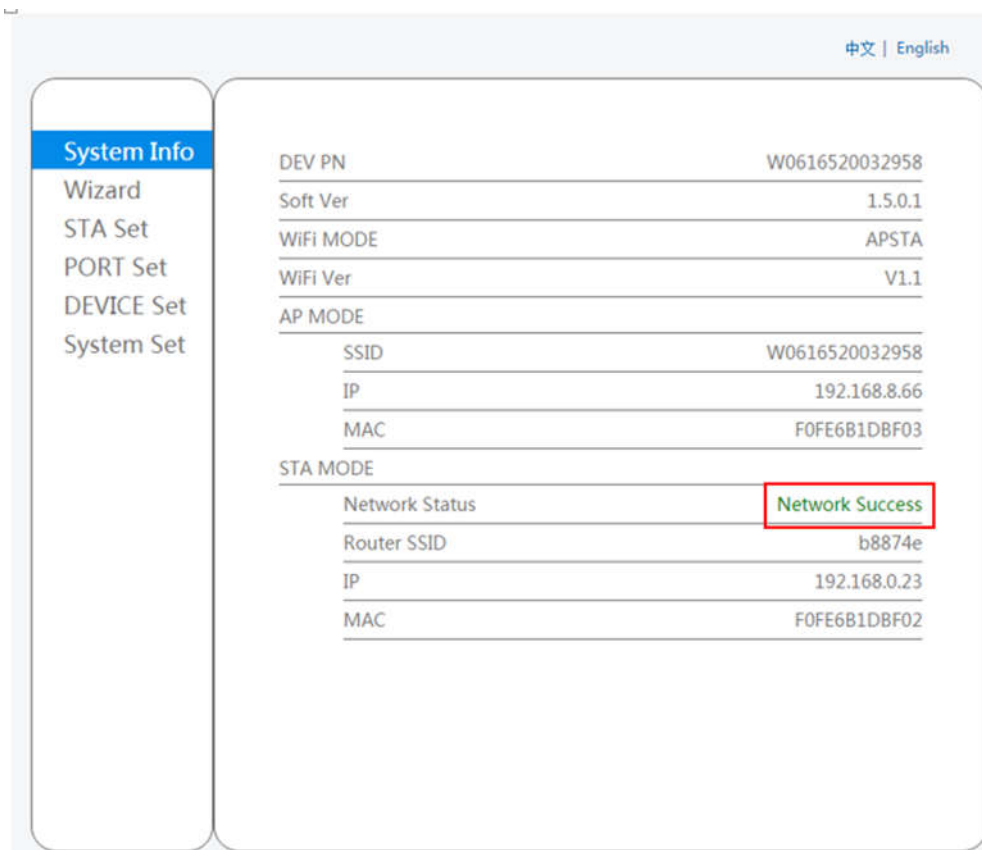
Rebooting Successful!

You can choose to manually close the page or reconnect the WIFI module of network and then login to the configuration interface.

10) Reconectar la red del inversor



11) Volver a entrar a la página 192.168.8.66



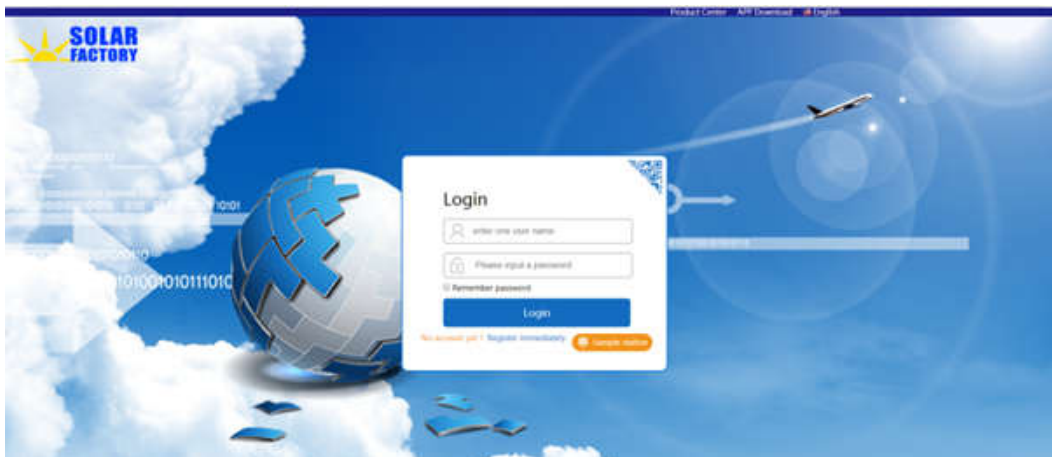
中文 | English

System Info	DEV PN	W0616520032958
Wizard	Soft Ver	1.5.0.1
STA Set	WiFi MODE	APSTA
PORT Set	WiFi Ver	V1.1
DEVICE Set	AP MODE	
System Set	SSID	W0616520032958
	IP	192.168.8.66
	MAC	F0FE6B1DBF03
	STA MODE	
	Network Status	Network Success
	Router SSID	b8874e
	IP	192.168.0.23
	MAC	F0FE6B1DBF02

Fin de procedimiento de enlace de inversor con red de internet propia.

C.- Monitorear el sistema (paneles) desde PC ó Smartphon

1: Entrar al siguiente website: solarfactory.shinemonitor.com

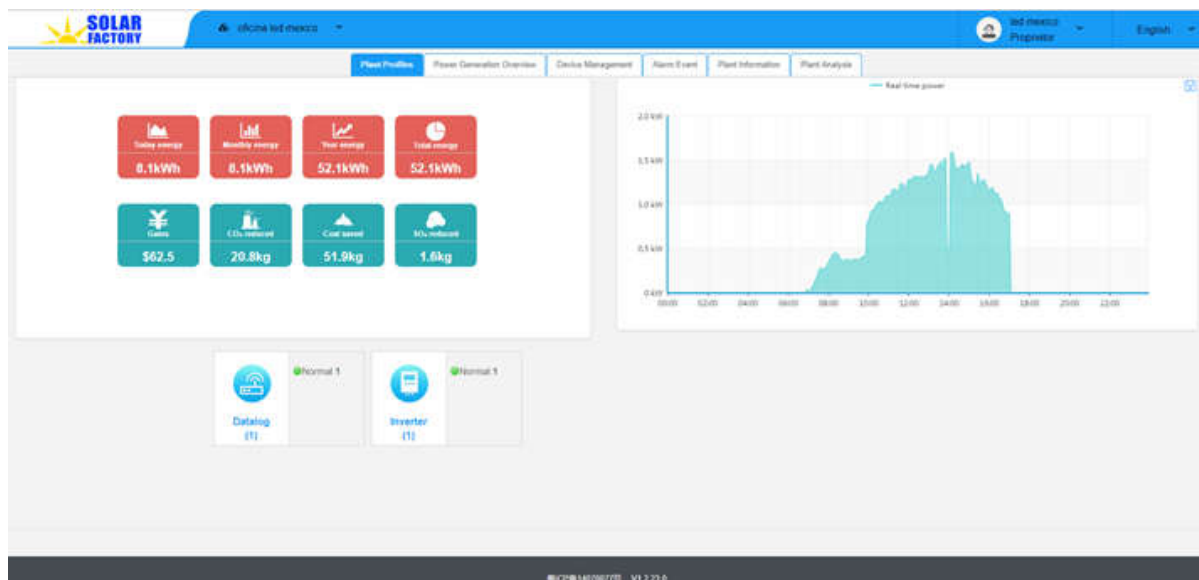


User name:

Password :

login

3: plant profiles

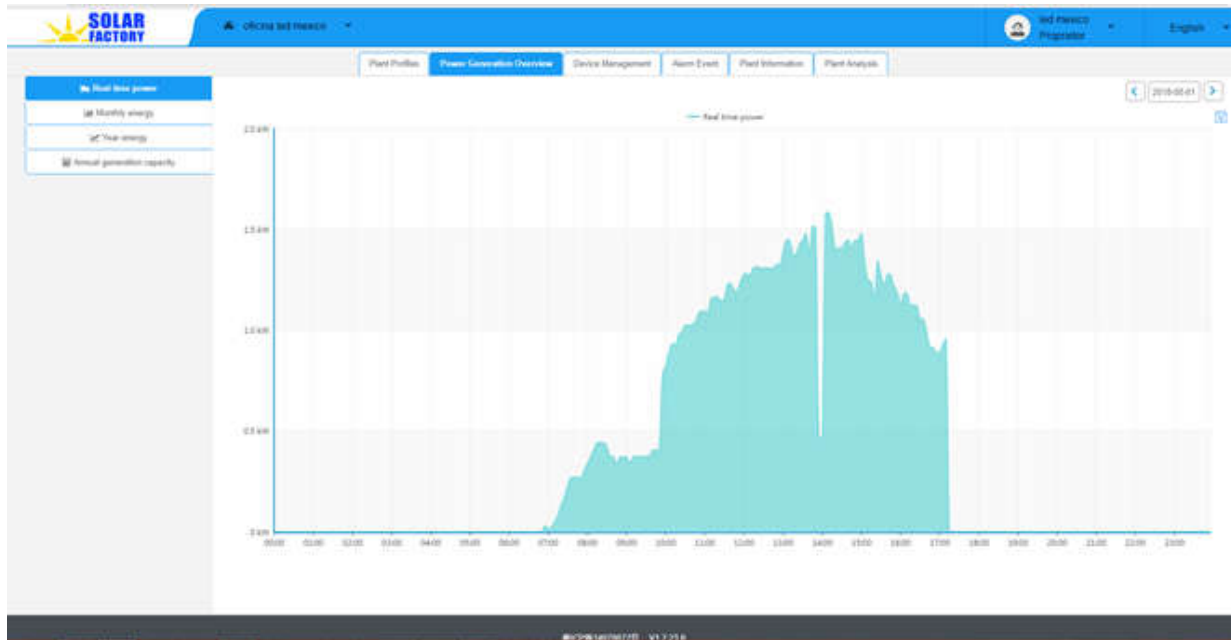


Arquitectura de red (WIFI)

WIFI-SOLAR FACTORY



4: Power generation overview



5: Device management

Add new datalog

Datalogs which belongs to this plant

Datalog PN	Datalog Name	Datalog Status	Timezone	Firmware	Load Count	Operation(Modify/Restart/Debug/Delete/Upgrade)
W0617228743503	W0617228743503	Normal	-6	1.6.0.0	1	/ / / / / /

1 1 Go

Plant Profiles Power Generation Overview Device Management Alarm Event Plant Information Plant Analysis

led mexico Proprietor English

2019-08-01

Arquitectura de red (WIFI)

WIFI-SOLAR FACTORY



6: Alarm evnt

First occurrence time	Device type	Device serial number	Device alias	Datalog PN	Datalog Name	communication address	Alarm description	Processing status	Disappearance time	Alarm Type	Alarm coding	operation
No alarm for equipment												

7: Plant information

SOLAR
FACTORY

oficina led mexico

led mexico

Proprietar

English

Plant Profiles

Power Generation Overview

Device Management

Alarm Event

Plant Information

Plant Analysis

1. Installation information

Plant name	oficina led mexico
Plant installation date	2018-07-17
Design power	2kW
Annual planned generation capacity	3650 0000kWh
Design companies	led mexico

2. Plant location

Region	mexicocofimacolina3
Address	
Timezone	(GMT -6:00)
Longitude	-103.720000
Latitude	19.240000

3. Set income formula(Set 1kwh as the conversion standard)

Capital gains	1.20
Currencies	USD(\$)
Coal saved(kg)	0.400
CO2 reduced(kg)	0.997
SO2 reduced(kg)	0.030

4. Plant overview



Delete plant

Modify plant

Arquitectura de red (WIFI)

WIFI-SOLAR FACTORY



8: Plant analysis

