



Shinephone APP



Desktop



- OSS instruction
- Shine Server
- Shinephone APP

## What is the OSS

OSS (online service system ) is a online service platform from Growatt, and Growatt customers. It's suitable for the customers who use Growatt's monitoring device, and update monitoring data to Growatt ShineServer, Growatt engineers, distributors, installers can do online service via OSS platform for online system.

End users can ask question to Growatt engineer/distributors/installers via ShinePhone APP, and Growatt engineers/distributors/installers can reply from their OSS account. On OSS platform, OSS users can manage and trace service issues, such as create new server account, add datalogger, add new plant, remote parameter setting, FW updating and so on. You can open or close the functions on your OSS account.

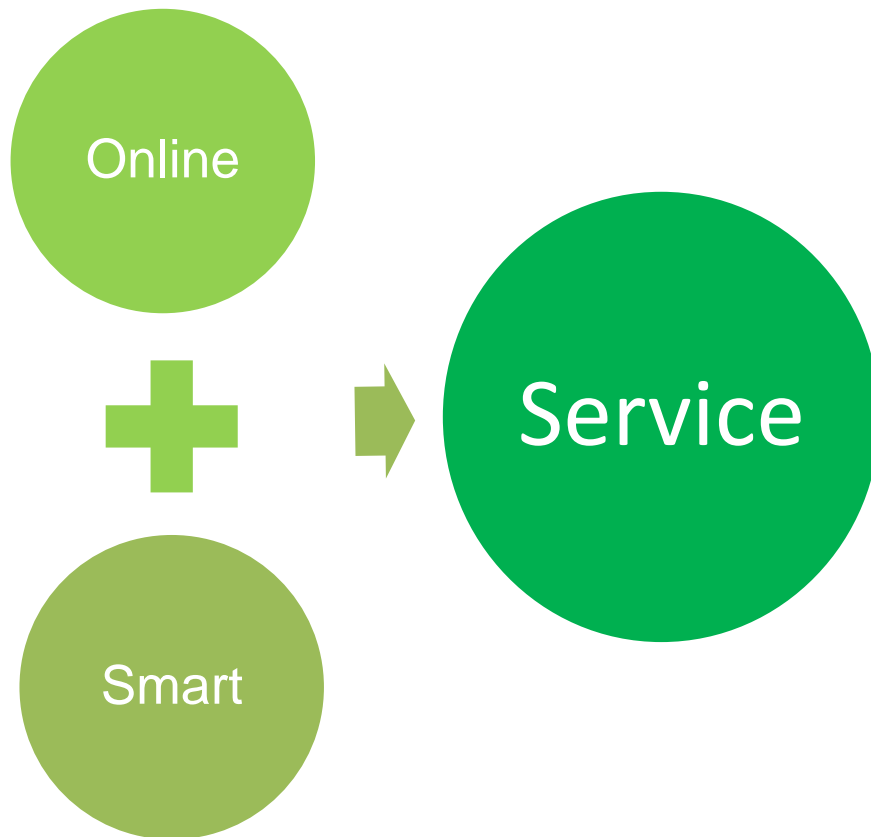
## What is OSS System

### Internet Platform:

1. Internet
2. ShineWifi-S,  
ShineLink, ShineMaster

### Smart Platform:

1. Smart diagnosis and alarm
2. Remote maintenance



## OSS main functions

- Monitor management
- Service hall
- Supply system
- User center
- System set

## Monitor management

- Device list
- End user
- Plant list
- Screen Display

## Monitor management

- Device list

In the device list page, 4 types of device listed: inverter; storage ; hybrid inverter and SPA

Select one type device and then you can choose the filter options to find the devices that you need; and you can click the failures number, offline inverter, waiting inverter, online inverter and total number buttons based on searching filter to find out inverter information.

In following slides ,take device “inverter” as an example to show , it would be same to device “storage “and “hybrid inverter”.



AADTB001

Monitor Manage ▾

Plant List

Device List

End user

Screen Display

Device Upgrade

Service Hall ▾

Supply System ▾

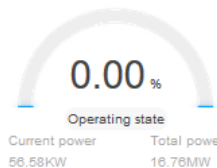
User Center ▾

System Set ▾

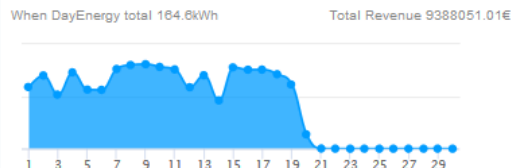
## Device list Monitor manage > Device list

Inverter Storage inverter Hybrid inverter SPA

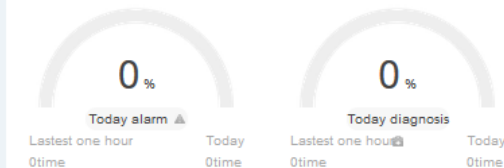
### Operating state



### generation and revenue



### Alarm and diagnosis



Inverter list Abnormal quantity: 0 Offline inverter: 1774 Waiting inverter: 191 Online inverter: 5 Total 27237





Download list (0) | Parameter display (13/16) ▾

Add device    Search Advanced screening

<input type="checkbox"/>	No.	Device SN	Model	Installer	Plant	User name	City	Datalogger	Last update	Status	Rated power	Generation today	Total	Current power	Full hours	Operating tools
<input type="checkbox"/>	1	GZB781003F	Growatt 4200MTL-S	AEA3744083	AEA3744083	growattitaly1		AEA3744083	2020-04-21 03:49:02	Online	4200W	0.0kWh	7613.4kWh	0.0W	0h	
<input type="checkbox"/>	2	GXB7801009	Growatt 3000MTL-S	AEA374408D	AEA374408D	growattitaly1		AEA374408D	2020-03-11	Online	3000W	0.0kWh	4445.1kWh	0.0W	0h	
<input type="checkbox"/>	3	PU65460006	Growatt 20000UE	15015852003	湖北普照光电	Qianjiang_Hubei		CRA57529DA	2020-04-21 09:54:25	Online	20000W	5.4kWh	1715.2kWh	3353.9W	0.27h	



In the inverter list page you can click operating buttons to set inverter name, inverter information, check the plant, delete device and so on operation.

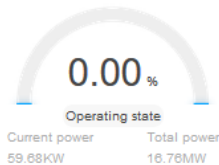
- click  edit device name, regroup them for easier management.
- Click  set inverter parameters, on and off, power capacity, time, maximum voltage and so on.
- click  export fault log
- click  view plant detail.

- AADTB001
- Monitor Manage ▾
- Plant List**
- Device List**
- End user
- Screen Display
- Device Upgrade
- Service Hall ▾
- Supply System ▾
- User Center ▾
- System Set ▾

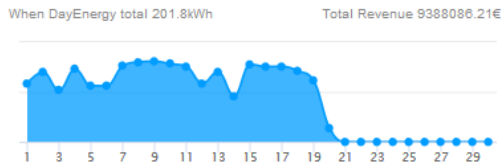
## Device list Monitor manage > Device list

Inverter Storage inverter Hybrid inverter SPA

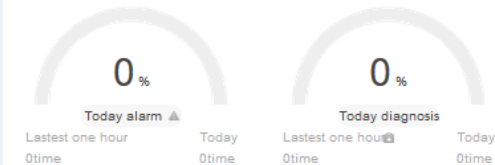
### Operating state



### generation and revenue



### Alarm and diagnosis



Inverter list Abnormal quantity: 0 Offline inverter: 1851 Waiting inverter: 111 Online inverter: 8 Total 27237

Download list (0) | Parameter display (13/16) ▾

Add device

Serial number  City  User/Plant  Search Advanced screening

<input type="checkbox"/>	No.	Device SN	Model	Installer	Plant	User name	City	Datalogger	Last update	Status	Rated power	Generation today	Total	Current power	Full hours	Operating tools
<input type="checkbox"/>	1	GZB781003F	Growatt 4200MTL-S		AEA3744083	growattitaly1		AEA3744083	2020-04-21 03:49:02	Online	4200W	0.0kWh	7813.4kWh	0.0W	0h	
<input type="checkbox"/>	2	GWB1701003	Growatt 2500MTL-S	STC GROUP S.R.L.	FV_GNOATO_MARA	GM2732059	Padova	AEA2732059	2020-04-21 03:15:00	Online	2500W	0.0kWh	8194.5kWh	0.0W	0h	

Delete   AEA2732113 growattitaly AEA2732113 2020-04-21 04:18:35 Online 3000W 0.0W Previous **1** Next To 1 page Confirm

## Edit device name

The screenshot displays the Growatt OSS interface for an OMNISUN system. The main content area shows the 'Device list' page with various monitoring charts and a table of inverters. An 'Edit' dialog box is overlaid on the screen, allowing for the modification of device remarks. The dialog box contains a text input field labeled 'Remarks' and two buttons: 'Confirm' and 'Cancel'. A red box highlights the edit icon in the 'Operating tools' column of the inverter table.

No.	Device SN	Model	Installer	Plant	User name	City	Datalogger	Last update	Status	Rated power	Generation today	Total	Current power	Full hours	Operating tools
1	GZB781003F	Growatt 4200MTL-S		AEA3744083	growattitaly1		AEA3744083	2020-04-21 03:49:02	Online	4200W	0.0kWh	7613.4kWh	0.0W	0h	
2	GWB1701003	Growatt 2500MTL-S	STC GROUP S.R.L.	FV_GNOATO_MARA	GM2732059	Padova	AEA2732059	2020-04-21 03:15:00	Online	2500W	0.0kWh	8194.5kWh	0.0W	0h	

## Set inverter parameters

**Set inverter**

**Inverter**

Serial number: GZB781003F    Alias: GZB781003F  
Port: AEA3744083    Attributes: AH1.0/ahac0705/A0B0D1T0PFU1M4S4

**Command**

- Set PV on/off    Turn on
- Set whether save PF commands    OFF
- Set active power rate    100.0 %
- Set reactive power rate    100.0 %    Over
- Set PF value    1.0    (-0.8 - /-1/0.8 - 1)
- Set inverter time
- Set gird voltage high    264.5
- set gird voltege low    195.5
- Enable wide voltage    Disable

Confirm    Cancel

**Device list**    Monitor manage > Device list

**Operating state**

0.00 %

Current power: 59.68KW    Total power: 16.76MW

**Inverter list**    Abnormal quantity: 0

No.	Device SN	Model	Installer
1	GZB781003F	Growatt 4200MTL-S	
2	GWB1701003	Growatt 2500MTL-S	STC GROU

**Alarm and diagnosis**

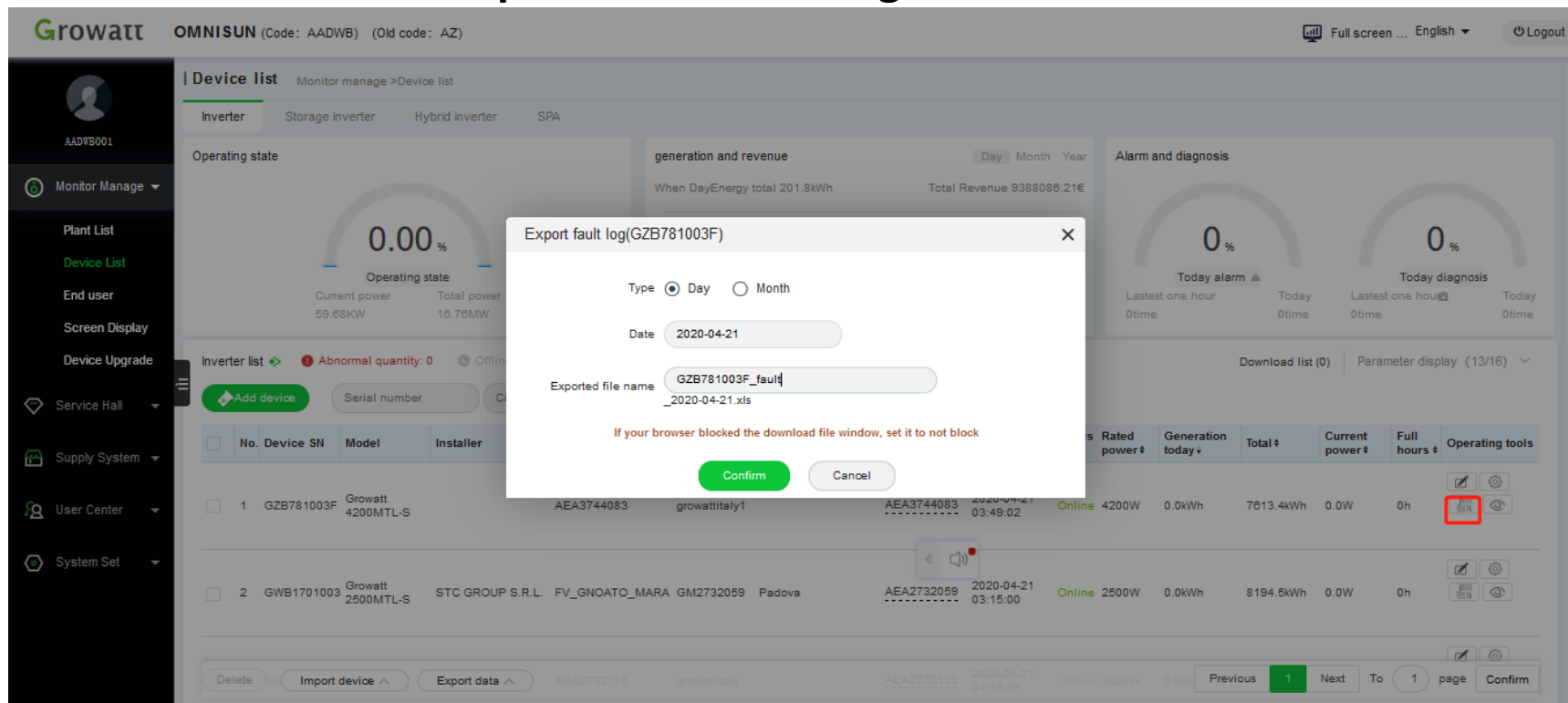
Today alarm: 0 %    Today diagnosis: 0 %

Rated power †    Generation today †    Total †    Current power †    Full hours †    Operating tools

Rated power †	Generation today †	Total †	Current power †	Full hours †	Operating tools
4200W	0.0kWh	7613.4kWh	0.0W	0h	[Icons]
2500W	0.0kWh	8194.5kWh	0.0W	0h	[Icons]

2020-04-21 04:18:36    Online: 3000W    0.0W    Previous 1 Next To 1 page Confirm

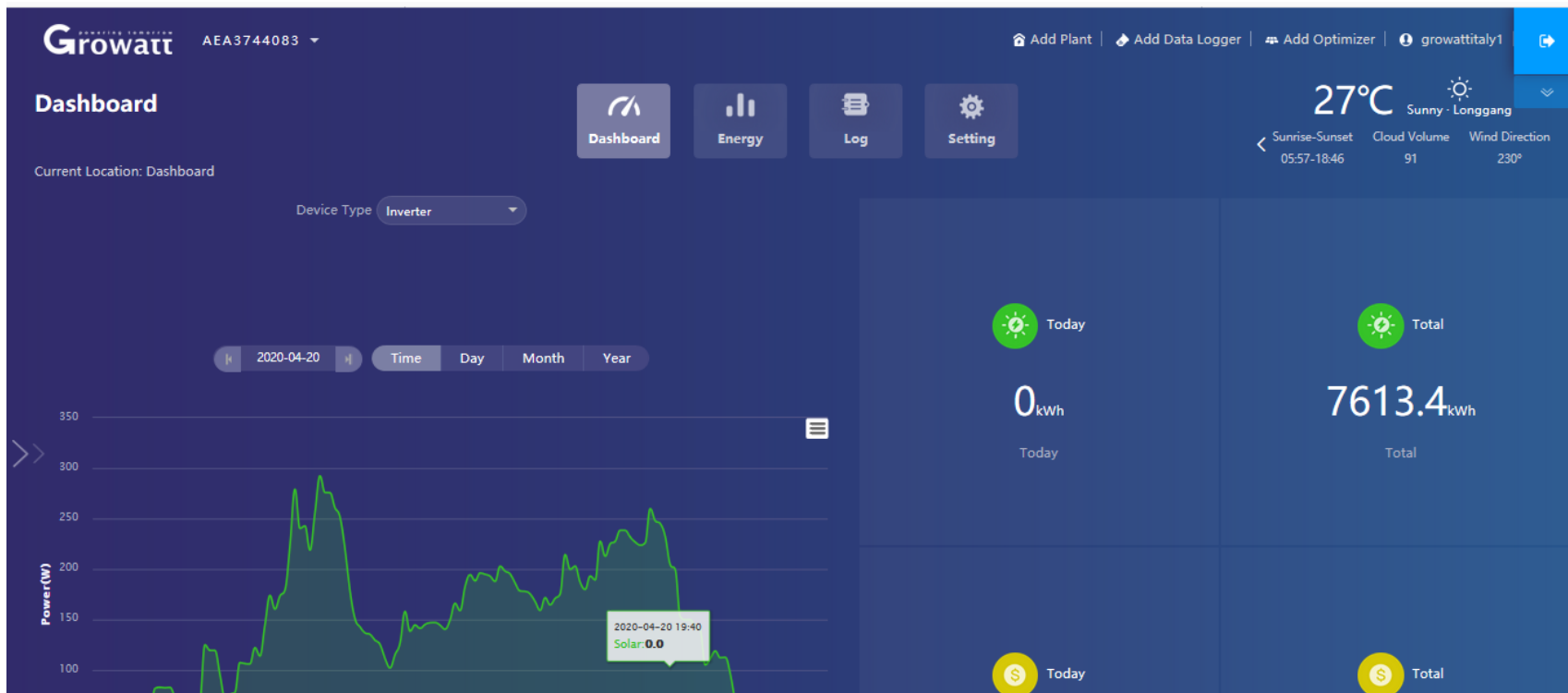
## Export device fault log



The screenshot displays the Growatt OSS interface for the 'OMNISUN' system. A modal dialog titled 'Export fault log(GZB781003F)' is open, allowing the user to specify the export type (Day or Month), the date (2020-04-21), and the file name (GZB781003F\_fault\_2020-04-21.xls). The background interface shows a 'Device list' table with the following data:

No.	Device SN	Model	Installer
1	GZB781003F	Growatt 4200MTL-S	growattitaly1
2	GWB1701003	Growatt 2500MTL-S	STC GROUP S.R.L. FV_GNOATO_MARA GM2732059 Padova

## View plant details



## Monitor management

### ● End user

- View all Shine Server accounts .
- Create a new Shine Server (username)account by clicking on the “New user”
- Edit the user name and related information ;add new plant and View user’s plant details

## Search for users

Growatt OMNISUN (Code: AADWB) (Old code: AZ) Full screen ... English ▾ Logout

**End user** Monitor manage > End user

End user list Parameter display (7/7) ▾

New user Username  Please select the installe Search

No.	Account name	Alias	Real name	Phone number	E-mail	Registration date	Number of device	Installer	Number of plant	Operating tools
<input type="checkbox"/>	1	Laky	Laky	06703271927	laky.i@freemail.hu	2020-04-18	1	APJR2	1	
<input type="checkbox"/>	2	FulopZoltan	FulopZoltan	+36706276635	fulop0823@gmail.com	2020-04-17	1	APJR2	1	
<input type="checkbox"/>	3	KissFeren04513	KissFeren04513	0612381374	kivitelezes@enhome.hu	2020-04-15	1		1	
<input type="checkbox"/>	4	petrocchi miriam	petrocchi miriam	3289040978	a.sciutirussi@1000tettiumbria.it	2020-04-14	1	1000 Tetti Solari Umbria srl	1	
<input type="checkbox"/>	5	Gallone05811	Gallone05811	06202258700	kivitelezes@enhome.hu	2020-04-14	1		1	
<input type="checkbox"/>	6	zsoltnapelem	zsoltnapelem	06705094057	sebestyn.zsolt@gmail.com	2020-04-09	1		1	
<input type="checkbox"/>	7	VadaszGeza	VadaszGeza	06 303192658	vady@t-online.hu	2020-04-09	1		1	
<input type="checkbox"/>	8	karaj01	karaj01	+36206653485	mpsol.iroda@gmail.com	2020-04-09	1		1	
<input type="checkbox"/>	9	CavarzanF	CavarzanF	3342875737	cristiancavarzan@gmail.com	20-04-08	1	Upsolar System Italia	1	
<input type="checkbox"/>	10	pongi1957	pongi1957	+36305796429	jozsefpongracz@yahoo.com	2020-04-08	1		1	
<input type="checkbox"/>	11	Fazekas	Fazekas	70/357-7071	fazekas.belane@unomail.hu	2020-04-08	1		1	

Export Specify installer Specify Token Out of The User Reset user password
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## Create a new account (new shineserver user)

The screenshot displays the Growatt OSS interface for the 'OMNISUN' system. The 'End user' management page is active, showing a list of existing users. A 'New user' button is highlighted with a red box. A modal window titled 'New user' is open, containing the following fields:

- \*Server: Growatt Server (dropdown)
- \*Account name: (text input)
- \*Country: select country (dropdown)
- \*Set password: (password input)
- \*Confirm password: (password input)
- Company name: (text input)
- E-mail: (text input)
- Contact: (text input)
- Installer code: Please choose (dropdown)

At the bottom of the modal are 'Confirm' and 'Cancel' buttons. The background table lists users with columns for No., Account name, Alias, Number of device, Installer, Number of plant, and Operating tools.

No.	Account name	Alias	Number of device	Installer	Number of plant	Operating tools			
1	Laky	Laky	1	APJR2	1	[edit] [home] [eye]			
2	FulopZoltan	FulopZoltan	1	APJR2	1	[edit] [home] [eye]			
3	KissFerenc4513	KissFerenc4513	1		1	[edit] [home] [eye]			
4	petrocchi miriam	petrocchi miriam	1	1000 Tetti Solari Umbria srl	1	[edit] [home] [eye]			
5	Gallone05811	Gallone05811	1		1	[edit] [home] [eye]			
6	zsoltnapelem	zsoltnapelem	1		1	[edit] [home] [eye]			
7	VadaszGeza	VadaszGeza	1		1	[edit] [home] [eye]			
8	karaj01	karaj01	1		1	[edit] [home] [eye]			
9	CavarzanF	CavarzanF	3342875737	crsthiancavarzan@gmail.com	20-04-08	1	Upsolar System Italia	1	[edit] [home] [eye]
10	pongi1957	pongi1957	+38305796429	jozsefpongracz@yahoo.com	2020-04-08	1		1	[edit] [home] [eye]
11	Fazakas	Fazakas	70/357-7071	fazakas.halana@unimail.hu	2020-04-08	1		1	[edit] [home] [eye]

## Create a new plant for a Shineserver account

**Growatt** OMNISUN (Code: AADWB) (Old code: AZ) Full screen ... English ... Logout

**End user** Monitor manage > End user

End user list > New user Username

No.	Account name	Alias	Installer	Number of plant	Operating tools
1	Laky	Laky	APJR2	1	[Add] [Home] [Eye]
2	FulopZoltan	Fulo	APJR2	1	[Add] [Home] [Eye]
3	KissFerenc4513	KissF		1	[Add] [Home] [Eye]
4	petrocchi miriam	petr	1000 Tetti Solari Umbria srl	1	[Add] [Home] [Eye]
5	Gallone05811	Gall		1	[Add] [Home] [Eye]
6	zsoltnapalem	zsolt		1	[Add] [Home] [Eye]
7	VadaszGeza	Vads		1	[Add] [Home] [Eye]
8	karaj01	karaj		1	[Add] [Home] [Eye]
9	CavarzanF	Cava	Upsolar System Italia	1	[Add] [Home] [Eye]
10	pongi1957	pong		1	[Add] [Home] [Eye]

**Add plant** [X]

Plant name:  Capital revenue: RMB(¥)

Alias:  Saving standard co...:

Installation date:  CO2 less emission:

PV capacity(kWp):  SO2 less emission:

PlantType:

Country:

City:

Time zone:

Latitude:

Longitude:

Plant picture:

Confirm Cancel

Parameter display (7/7) ▾

Export Specify installer Specify Token Out of The User Reset user password

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## Edit username and related information

The screenshot displays the 'End user' management interface in the Growatt OSS. A modal window titled 'Edit(Laky)' is open, allowing for the modification of user details. The modal includes the following fields and options:

- Alias:** Laky
- Name:** Name
- E-mail:** laky.i@freemail.hu
- Company name:** Company name
- Language:** English
- Phone number:** 06703271927
- User Token:** 41ts9rsqyzwva7kqxwoh9f05a39q48y
- Whether to reset the password
- Send new password to customer's email

At the bottom of the modal are 'Confirm' and 'Cancel' buttons. The background interface shows a table of end users with columns for 'No.', 'Account name', 'Alias', and various action icons. A red box highlights the edit icon in the 'Operating tools' column for the first user.

javascript:

## View plant details

**Growatt** OMNISUN (Code: AADWB) (Old code: AZ) Full screen ... English ▾ Log

**End user** Monitor manage > End user

End user list Parameter display (7/7) ▾

New user  Please select the installe Search

<input type="checkbox"/>	No.	Account name	Alias	Real name	Phone number	E-mail	Registration date	Number of device	Installer	Number of plant	Operating tools
<input type="checkbox"/>	1	Laky	Laky		06703271927	laky.i@freemail.hu	2020-04-18	1	APJR2	1	
<input type="checkbox"/>	2	FulopZoltan	FulopZoltan		+36706276635	fulop0823@gmail.com	2020-04-17	1	APJR2	1	
<input type="checkbox"/>	3	KissFeren4513	KissFeren4513		0612381374	kivitelez@enhome.hu	2020-04-15	1		1	
<input type="checkbox"/>	4	petroochi miriam	petroochi miriam		3299040978	a.sciutirussi@1000tettiumbria.it	2020-04-14	1	1000 Tetti Solari Umbria srl	1	
<input type="checkbox"/>	5	Gallone05811	Gallone05811		06202258700	kivitelez@enhome.hu	2020-04-14	1		1	
<input type="checkbox"/>	6	zsoltnapelem	zsoltnapelem		06705094057	sebestyn.zsolt@gmail.com	2020-04-09	1		1	
<input type="checkbox"/>	7	VadaszGeza	VadaszGeza		06 303192658	vady@t-online.hu	2020-04-09	1		1	
<input type="checkbox"/>	8	karaj01	karaj01		+36206653485	mpsol.iroda@gmail.com	2020-04-09	1		1	
<input type="checkbox"/>	9	CavarzanF	CavarzanF		3342875737	cristiancavarzan@gmail.com	20-04-08	1	Upsolar System Italia	1	
<input type="checkbox"/>	10	pongi1957	pongi1957		+36305796429	jozsefpongracz@yahoo.com	2020-04-08	1		1	
<input type="checkbox"/>	11	Fazekas	Fazekas		70/367-7071	fazekas.belana@upmail.hu	2020-04-08	1		1	
<input type="checkbox"/>	12	4R20210000	4R20210000		+363473644750	crisanguelmo2@gmail.com	2020-04-07	1	Growatt Italia	1	

Export Specify installer Specify Token Out of The User Reset user password
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## Dashboard

Dashboard | Energy | Log | Setting

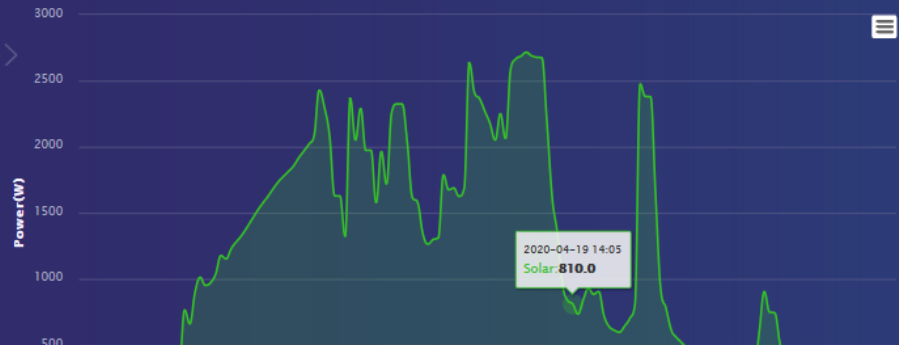
6°C Cloudy - Marcali

☀️ Sunrise-Sunset 04:49-18:48 | ☁️ Cloud Volume 91 | 🌪️ Wind Direction 45°

Current Location: Dashboard

Device Type **Inverter**

⏪ 2020-04-19 ⏩ Time Day Month Year



Today

0 kWh

Today



Total

35.2 kWh

Total



Today



Total

## Monitor management

### ● Plant list

- View all the plants' name and information, or search plant name.
- Add device for this plant by adding datalogger serial number and check code, edit plant's name, click "View this plant" as well .

## Search plant name

**Growatt** OMNISUN (Code: AADWB) (Old code: AZ) Full screen ... English ... Logout

**Plant manage** Monitor manage > Plant manage

Day generation  
**1.8MWh**

Energy total  
**31.5GWh**

Total component power  
**17286.1kWp**

Generation total  
**128943329.79€**

Plant Management List ● Online: 1068 ● abnormal: 7 ● Offline: 1984 Total 3059 + Add plants in batches Download list(3) Plant groups manage Export List Parameter display (6/17) ▾

Add plant
PlantType ▾
Plant name/user name
Please choose the city ▾
Search
Advanced screening ▾

<input type="checkbox"/>	No.	Status	Plant name	User name	City	Plant revenue	Number of device ↑	Generation today ↑	Full hours ↓	Operating tools
<input type="checkbox"/>	1	Offline	MZC0805046	growattitaly2		9367.2	1	0kWh	0	
<input type="checkbox"/>	2	Online	AEA270625B	growattitaly		13808.3	1	0kWh	0	
<input type="checkbox"/>	3	Online	NAC39152E9	growattitaly7		177.8	1	0.2kWh	0	
<input type="checkbox"/>	4	Offline	my plant	silvamauro	Monteben	3704.8	1	0kWh	0	
<input type="checkbox"/>	5	Online	NAC0842340	growattitaly4		439.3	1	0.3kWh	0	
<input type="checkbox"/>	6	Offline	Nicola tomezzoli2	NicoTomez	0	0	1	0kWh	0	

Specify plant grouping Set time zone Set the low limit of generation create\_single\_page Import to distributor / installer Export ▾

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## Add datalogger to plant ,edit plant's name, click "View this plant" as

Growatt OMNISUN (Code: AADWB) (Old code: AZ) Full screen ... English Logout

**Plant manage** Monitor manage > Plant manage

Day generation: 1.8MWh

























Energy total: 31.5GWh

Total component power: 17286.1kWp

Generation total: 128943329.79€

Plant Management List Online: 1088 abnormal: 7 Offline: 1984 Total 3059 + Add plants in batches Download list(3) Plant groups manage Export List Parameter display (6/17)

Add plant PlantType Plant name/user name Please choose the city Search Advanced screening

<input type="checkbox"/>	No.	Status	Plant name	User name	City	Plant revenue	Number of device †	Generation today †	Full hours †	Operating tools
<input type="checkbox"/>	1	Offline	MZC0805046	growattitaly2		9367.2	1	0kWh	0	   
<input type="checkbox"/>	2	Online	AEA270625B	growattitaly		13808.3	1	0kWh	0	   
<input type="checkbox"/>	3	Online	NAC39152E9	growattitaly7		177.8	1	0.2kWh	0	   
<input type="checkbox"/>	4	Offline	my plant	silvamauro	Monteben	3704.8	1	0kWh	0	   
<input type="checkbox"/>	5	Online	NAC0842340	growattitaly4		439.3	1	0.3kWh	0	   
<input type="checkbox"/>	6	Offline	Nicola tomezzoli2	NicoTomez	0	0	1	0kWh	0	   

Specify plant grouping Set time zone Set the low limit of generation create\_single\_page Import to distributor / installer Export

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## Monitor management

- Screen display
- Big screen display shown on
- Screen display page you can choose map display, device list display, plant list display, user list display and module total display based on you own need).
- Flowing is the plant list display, in this page all the plants data like today's generating electricity, recent days generating electricity, recent years generating electricity and other details will be displayed.

Full screen display
Navigation screen display

AADWB001

- Monitor Manage
- Plant List
- Device List
- End user
- Screen Display
- Device Upgrade
- Service Hall
- Supply System
- User Center
- System Set

**LOGO**

3 5 9 0 4 4 3 8

17:29:16  
2019-09-12

智能控制运维中心

昨日发电(MW) **6.8**

逆变器状态

正常 6.317

待机

离线

故障

**999.2**  
组件总功率 (MW)

**6.8**  
当前总功率 (MW)

累计发电电量

近7日发电电量

近7日发电电量对比

114.78万度  
194.58万度

人员

电话总机 23629

资金收益 4190713.274

管理维护费用 143617.75

减排CO2 357967.25

电站名称	所属用户	状态	国家	城市	今日发电量	累计发电量	设计功率
徐金东4.16kWp...	13615755893	在线	China	绍兴	18.4度	13.6千度	4.2KW
潘国福6.27kWp...	13003616732	在线	China	绍兴	13.2度	10.5千度	6.2KW
傅奕刚5.3kWp...	15925678666	在线	China	杭州	24.6度	18.8千度	5.3KW
李国辉5.26kWp...	iguodl	在线	China	绍兴	24.0度	16.9千度	5.2KW
李小平5.83kWp...	13867562201	在线	China	绍兴	28.0度	7.1千度	5.8KW
胡关寿6.24kWp...	13456574121	在线	China	绍兴	13.6度	10.3千度	6.2KW
周关寿7.28kWp...	11706755136	在线	China	绍兴	16.1度	12.3千度	7.3KW
方旭东4.77kWp...	13157145728	在线	China	杭州	25.9度	18.0千度	4.8KW
胡特林7.28kWp...	13004611858	在线	China	绍兴	0.0度	2.1千度	7.3KW
徐达5.3kWp光伏...	13626678809	在线	China	台州	25.8度	15.8千度	5.3KW
罗学念5.3kWp...	15202654078	在线	China	台州	25.0度	16.0千度	5.3KW
孙旭东3.71kWp...	15258611469	在线	China	台州	17.8度	7.1千度	3.7KW
于发林3.71kWp...	13819624840	在线	China	台州	20.2度	15.1千度	3.7KW

Click enter

www.ginverter.com — © Growatt — powering tomorrow

26



3 1 4 9 2 1 0 9  
Total(kWh)

⚡ Day power(KW)

85.3

Peak

☰ Inverter Status

Normal 5

Wait 103

Offline 1854

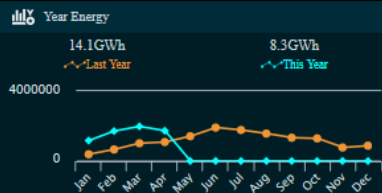
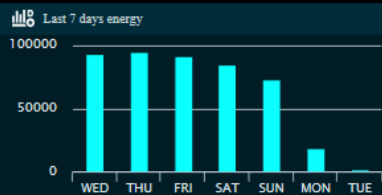
Abnormal 0

17185.7

PV capacity (kWp)

85.3

Current power (KW)



👤 Overview

Total number of plant	3053
Capital revenue	32365832.08€
Saving standard coal(kg)	12596.84
less emission(kg)	31397.63
Reducing Deforestation	1741894 Tree

2020-04-21 11:13:35

All 3053

🏢 Commercial Plant 26

🏠 Household plant 3027

## Growatt Plant List

Plant name	User name	Status	Country	City	Generation today	Total	PV capacity
Casa Casale	dave_deg	Online	Italy	Veggiano	0.0kWh	1.7MWh	3kWp
Simionato Sergio	SergioSimionato	Online	Italy	San Marco	0.0kWh	10.4MWh	6.48kWp
Losco Giannico	giannico.losco	Online	Italy	Volano	0.0kWh	9.0MWh	0.005kWp
Testolin Diego	diego.testolin	Online	Italy	Valstagna	2.2kWh	8.8MWh	5kWp
Paoletti Luciano	luciano.paoletti	Online	Italy	Santa Giustin	2.2kWh	11.3MWh	5kWp
my plant	gobberalessandro	Online	Italy	bacon	0.0kWh	8.3MWh	3kWp
my plant	Zaffagnini	Online	Italy	bacon	0.7kWh	11.5MWh	0kWp
Tosetto Paolo	paolo.tosetto	Online	Italy	Arcugnano	3.4kWh	7.9MWh	0.005kWp
Ferrari Giovanni	giovanni.ferrari	Online	Italy	POJANA MAGGHOR...	0.7kWh	11.4MWh	5kWp
my plant	Monica70	Online	Italy	bacon	1.3kWh	9.4MWh	0.005kWp
my plant	bastasinvalerio	Online	Italy	VEDELAGO	0.2kWh	18.5MWh	3kWp
Cremonesi	cremonesi	Online	Italy	Olmeneta	0.0kWh	14.6MWh	0.004kWp
Riccardo	airciso	Online	ITALY	未设置位置	0.0kWh	10.4MWh	0kWp
my plant	Carmelo	Online	Italy	bacon	0.0kWh	10.6MWh	0kWp

## Supply system

check warranty by input serial number, order number.

Growatt (Old code: AZ) Full screen ... English Logout

### Warranty query

Supply system > Warranty query

Serial number Order number Customer name Warranty duration Device model Delivery time Expire date Remarks Search

Export

Warranty query Parameter display (10/10)

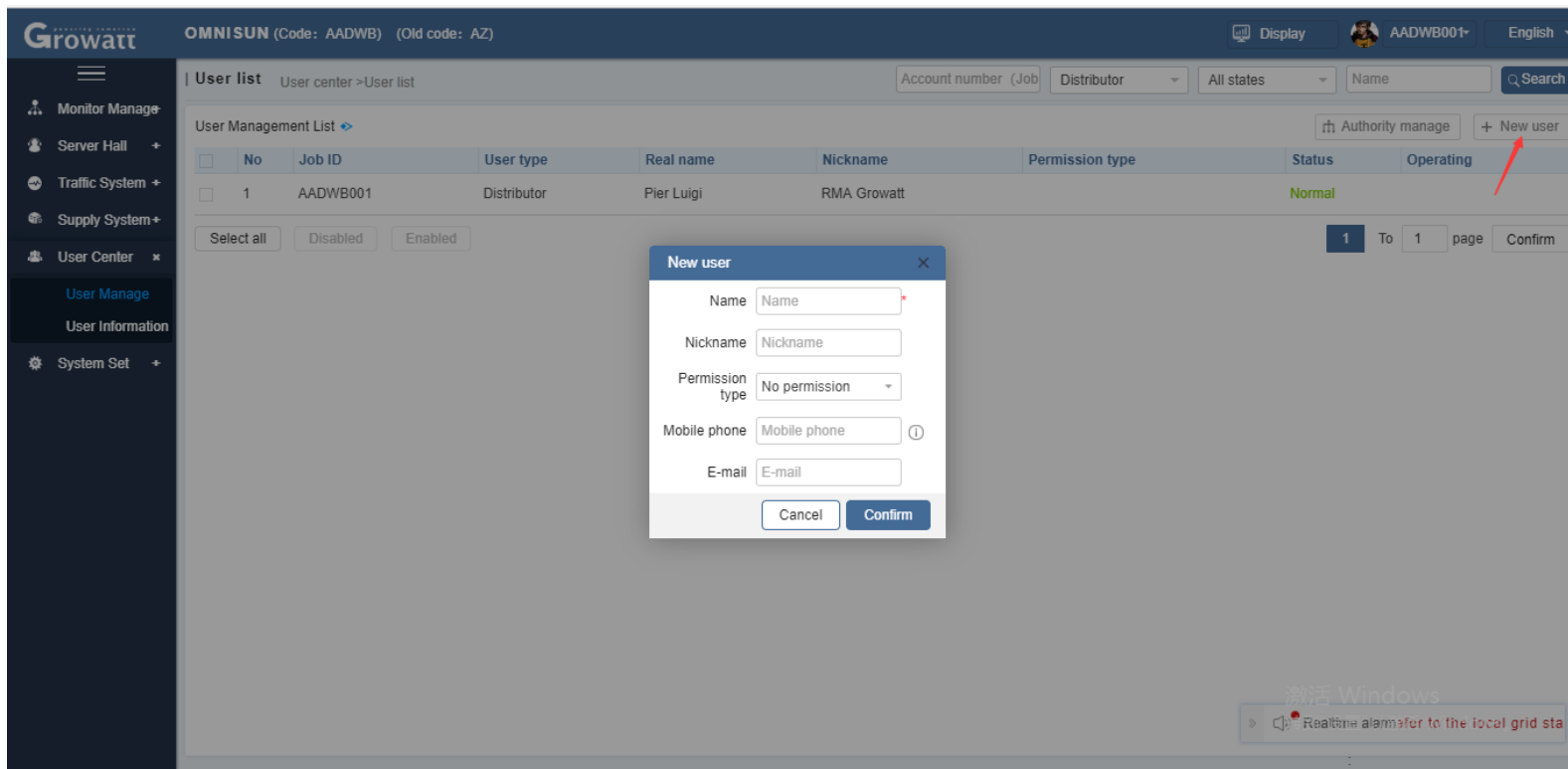
No.	Order number	Customer name	Model	Serial number	Check code	Delivery time	telecommunication data time limit	Warranty duration	Expire date	Remarks
1	GIT132J18	OMNISUN	直流配电柜-整机	A033078673				10Year		
2	GIT132J18	OMNISUN	直流配电柜-整机	A033110192				10Year		
3	GIT132J18	OMNISUN	直流配电柜-整机	A033110219				10Year		
4	GIT132J18	OMNISUN	直流配电柜-整机	A033110221				10Year		
5	GIT132J18	OMNISUN	直流配电柜-整机	A033110222				10Year		
6	GIT132J18	OMNISUN	直流配电柜-整机	A033110225				10Year		
7	GIT132J18	OMNISUN	直流配电柜-整机	A033110226				10Year		
8	GIT132J18	OMNISUN	直流配电柜-整机	A033110228				10Year		
9	GIT132J18	OMNISUN	直流配电柜-整机	A033110231				10Year		
10	GIT132J18	OMNISUN	直流配电柜-整机	A033110232				10Year		
11	GIT132J18	OMNISUN	直流配电柜-整机	A033110233				10Year		
12	GIT132J18	OMNISUN	Growatt 20000TL3-US	C013115530				5Year		

Previous 1 2 3 4 5 ... 2528 Next To 1 page Confirm

## User center

- Distributor can use “User management” page click on the “New User” to create installer account for service, then click permission category to give the user permission of certain rights.
- use account number, all status and name to search disable or enable installer user, also you can choose which to cc.
- User information contains basic information and account safety. Distributor can click on “Edit” button to edit your nickname and real name, also you can modify your account password, phone number, email address.

## Create new installer account and set permission limit

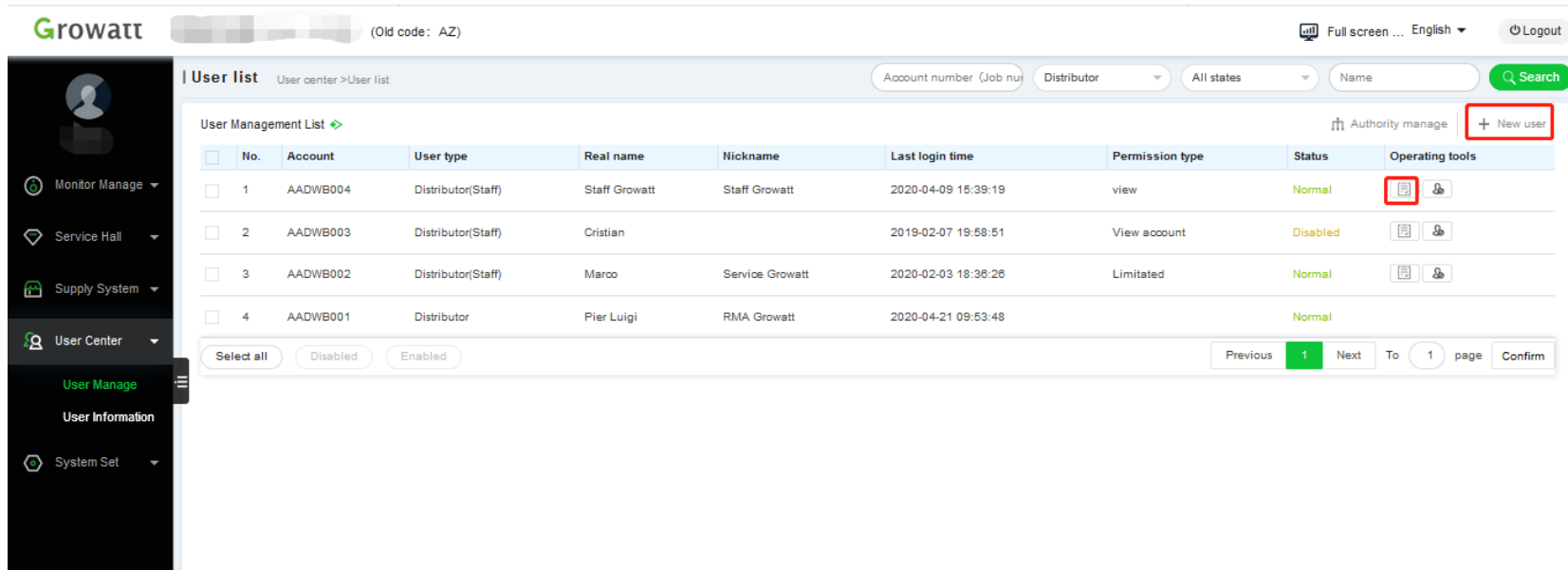


The screenshot displays the Growatt OSS user management interface. The main area shows a 'User list' table with columns for No, Job ID, User type, Real name, Nickname, Permission type, Status, and Operating. A red arrow points to the '+ New user' button in the top right corner of the table area. A 'New user' dialog box is open in the center, containing the following fields:

- Name:
- Nickname:
- Permission type:
- Mobile phone:
- E-mail:

At the bottom of the dialog box are 'Cancel' and 'Confirm' buttons. The background interface includes a sidebar with navigation options like 'Monitor Manage', 'Server Hall', 'Traffic System', 'Supply System', 'User Center', 'User Manage', 'User Information', and 'System Set'. The top navigation bar shows 'OMNISUN (Code: AADWB) (Old code: AZ)', 'Display', 'AADWB001+', and 'English'.







## Create new installer account and set permission limit



The screenshot shows the Growatt User Management interface. The top navigation bar includes the Growatt logo, a user profile icon, and the text "(Old code: AZ)". On the right, there are links for "Full screen ...", "English", and "Logout".

The main content area is titled "User list" and includes a breadcrumb "User center > User list". Below this, there are search filters for "Account number (Job nu)", "Distributor", "All states", and "Name", along with a "Search" button. A "New user" button is highlighted with a red box.

The "User Management List" table contains the following data:

No.	Account	User type	Real name	Nickname	Last login time	Permission type	Status	Operating tools
1	AADWB004	Distributor(Staff)	Staff Growatt	Staff Growatt	2020-04-09 15:39:19	view	Normal	 
2	AADWB003	Distributor(Staff)	Cristian		2019-02-07 19:58:51	View account	Disabled	 
3	AADWB002	Distributor(Staff)	Maroo	Service Growatt	2020-02-03 18:36:26	Limited	Normal	 
4	AADWB001	Distributor	Pier Luigi	RMA Growatt	2020-04-21 09:53:48		Normal	

At the bottom of the table, there are buttons for "Select all", "Disabled", and "Enabled". On the right, there are pagination controls: "Previous", "1" (selected), "Next", "To 1 page", and "Confirm".

## disable or enable installer user

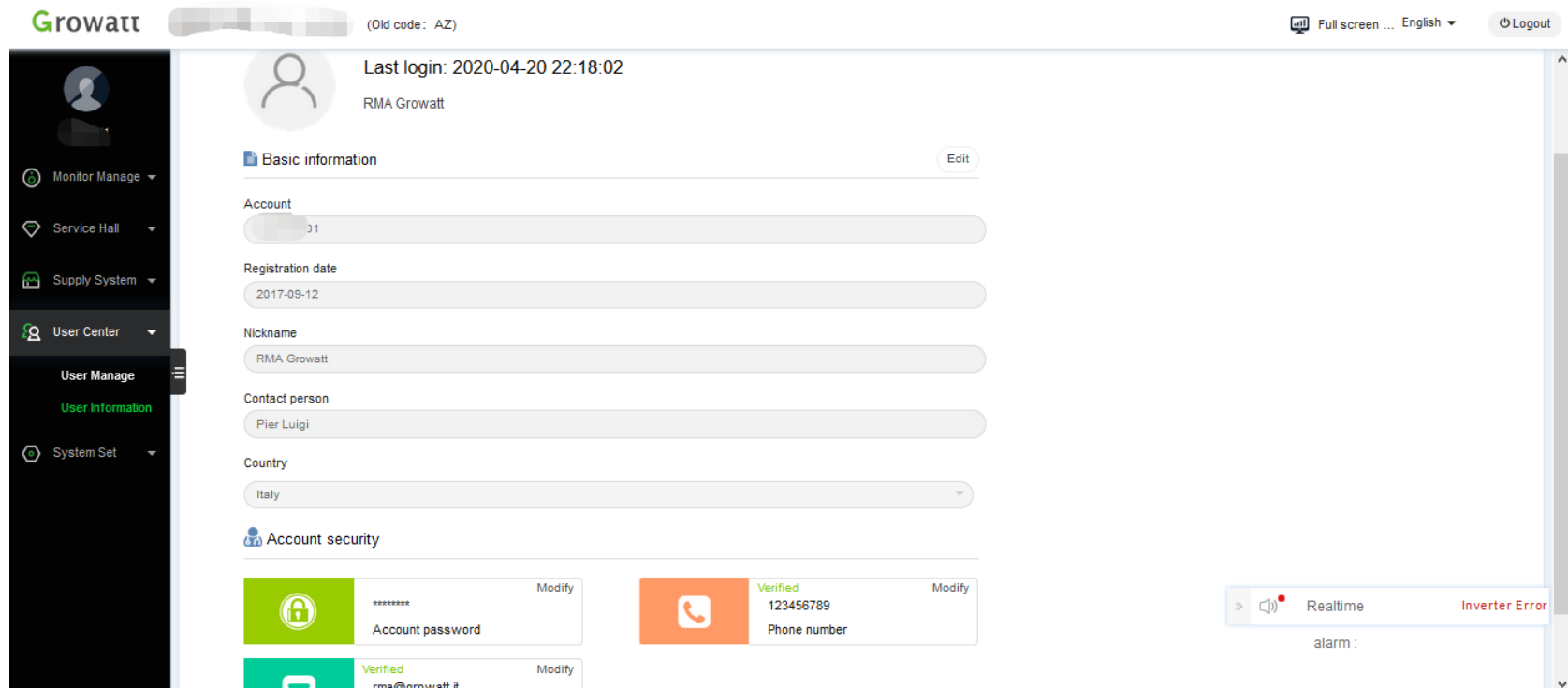
User Management List

No.	Account	User type	Real name	Nickname	Last login time	Permission type	Status	Operating tools	
<input type="checkbox"/>	1	AADWB004	Distributor(Staff)	Staff Growatt	Staff Growatt	2020-04-09 15:39:19	view	Normal	
<input type="checkbox"/>	2	AADWB003	Distributor(Staff)	Cristian		2019-02-07 19:58:51	View account	Disabled	
<input checked="" type="checkbox"/>	3	AADWB002	Distributor(Staff)	Marco	Service Growatt	2020-02-03 18:36:26	Limited	Normal	
<input type="checkbox"/>	4	AADWB001	Distributor	Pier Luigi	RMA Growatt	2020-04-21 09:53:48		Normal	

Select all Disabled Enabled Previous 1 Next To 1 page Confirm



## User information and modify



The screenshot displays the Growatt user management interface. At the top left, the Growatt logo and a blurred user profile are visible, along with the text "(Old code: AZ)". On the right, there are links for "Full screen ...", "English", and "Logout".

The main content area shows the user's profile information:

- Last login: 2020-04-20 22:18:02
- RMA Growatt

The "Basic information" section includes the following fields:

- Account: [blurred]01
- Registration date: 2017-09-12
- Nickname: RMA Growatt
- Contact person: Pier Luigi
- Country: Italy

The "Account security" section shows three items:

- Account password: [blurred] (Verified) Modify
- Phone number: 123456789 (Verified) Modify
- [blurred] (Verified) Modify

A notification bar at the bottom right indicates a "Realtime Inverter Error alarm:".

## System set

- Create and manage your installer OSS .
- Manage and modify the information of “Screen display” , like “Display name”, “logo picture ”.
- Set time zone by clicking data parameter menu

## Add /delete /search /modify installer

Growatt (Old code: AZ) Full screen ... English ... Logout

Installer code Alias Company name select country Search Export

Installers List

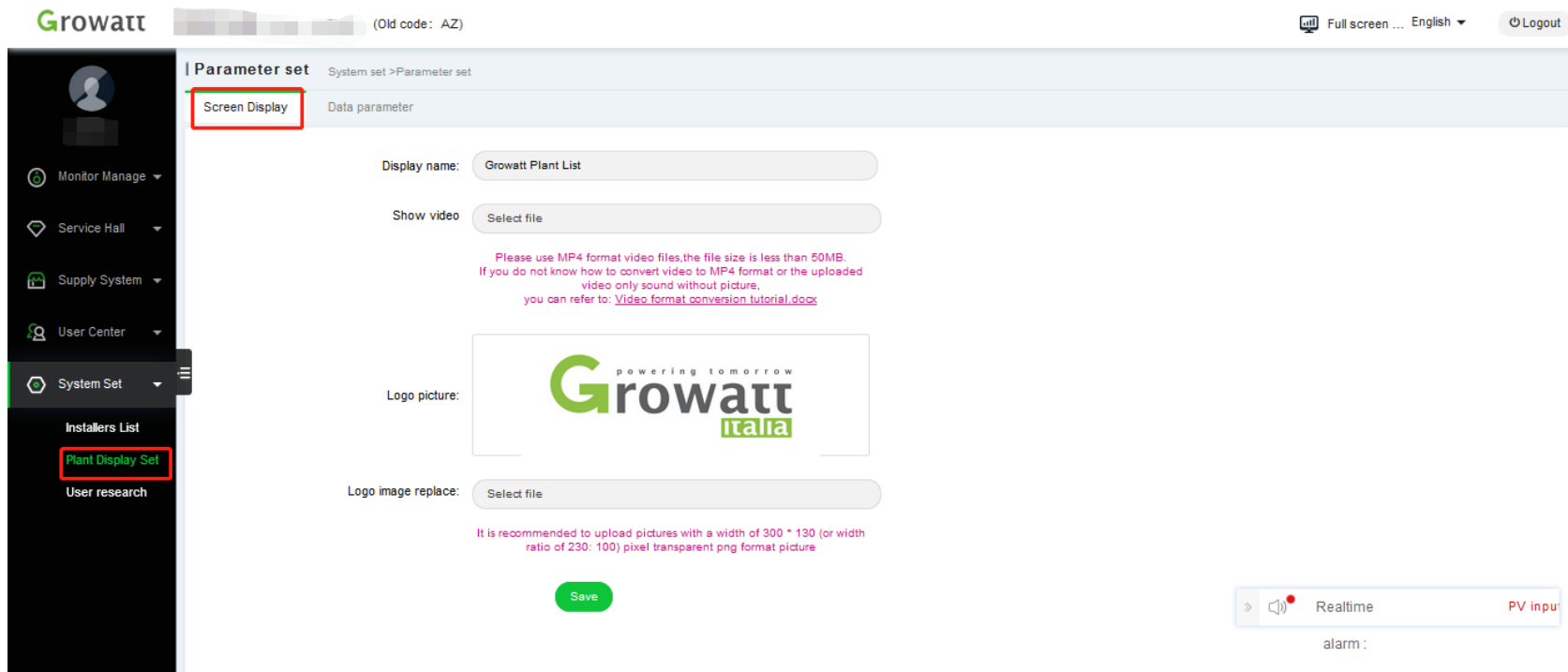
Installer Management List + Add installer

No.	Installer code	Alias	Company name	Phone number	E-mail	Country	Number of device	Operating tools
1	ADDGE	Upsolar System Italia	Upsolar System Italia		impianti@upsolaritalia.it	Italy	103	[Icons]
2	AHXSE	Davide-Green Work	Green house srls	+393490921142	davide.mattei@greenwork.it	Italy	41	[Icons]
3	AEZT7	Massimo Pistoia	AMBITEK	+393205315309	m.pistoia@ambitek.it	Italy	39	[Icons]
4	ADJBC	ABC Energia srl	ABC Energia srl	+393381024443	info@aboenergia.it	Italy	34	[Icons]
5	AGNKE	Ada Sciuti Russi	1000 Tetti Solari Umbria srl	+393299040978		Italy	29	[Icons]
6	ALUB2	Maurizio Bisolo	Generale Progetti Srl	+393339960999		Italy	19	[Icons]
7	ALNL5	Fonte Solare Sicura	Fonte Solare Sicura		fontesolare Sicura@gmail.com	Italy	16	[Icons]
8	AESBE	Franosco Sorrentino	Mariani Energy S.r.l.		f.sorrentino@marianienergy.it	Italy	11	[Icons]
9	AHNZ2	Risola Massimiliano	Pugliaenergia Srl	+393925561137	info@pugliaenergia.it	Italy	9	[Icons]
10	AKJB2	Ing. Belussi	Biesse Group		cantiere.01@biesse-group.eu	Italy		[Icons]

Select all Delete Disassociate

Previous 1 2 3 4 Next To 1 page Confirm

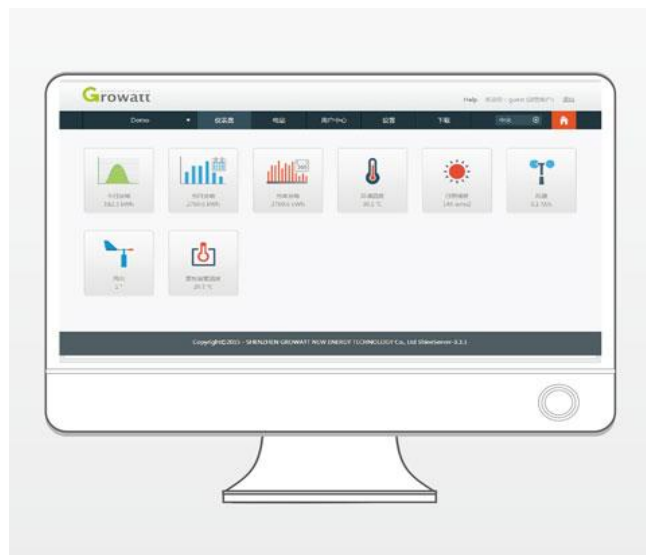
## Set logo /plant name which shown on “screen display” and time zone



The screenshot shows the Growatt OSS interface. At the top left, the Growatt logo and a user profile icon are visible. The top right contains links for 'Full screen ...', 'English', and 'Logout'. The main content area is titled 'Parameter set' and shows the 'Screen Display' parameter set. The 'Display name' field is set to 'Growatt Plant List'. The 'Show video' field is set to 'Select file'. Below this, there is a warning message: 'Please use MP4 format video files, the file size is less than 50MB. If you do not know how to convert video to MP4 format or the uploaded video only sound without picture, you can refer to: [Video format conversion tutorial.docx](#)'. The 'Logo picture' field shows a preview of the Growatt Italia logo. Below this, there is another 'Select file' field for 'Logo image replace'. A warning message below this field states: 'It is recommended to upload pictures with a width of 300 \* 130 (or width ratio of 230: 100) pixel transparent png format picture'. A green 'Save' button is located at the bottom center. On the left sidebar, the 'System Set' menu is expanded, and 'Plant Display Set' is highlighted. At the bottom right, there is a 'Realtime' status bar showing 'PV input' and 'alarm:'.

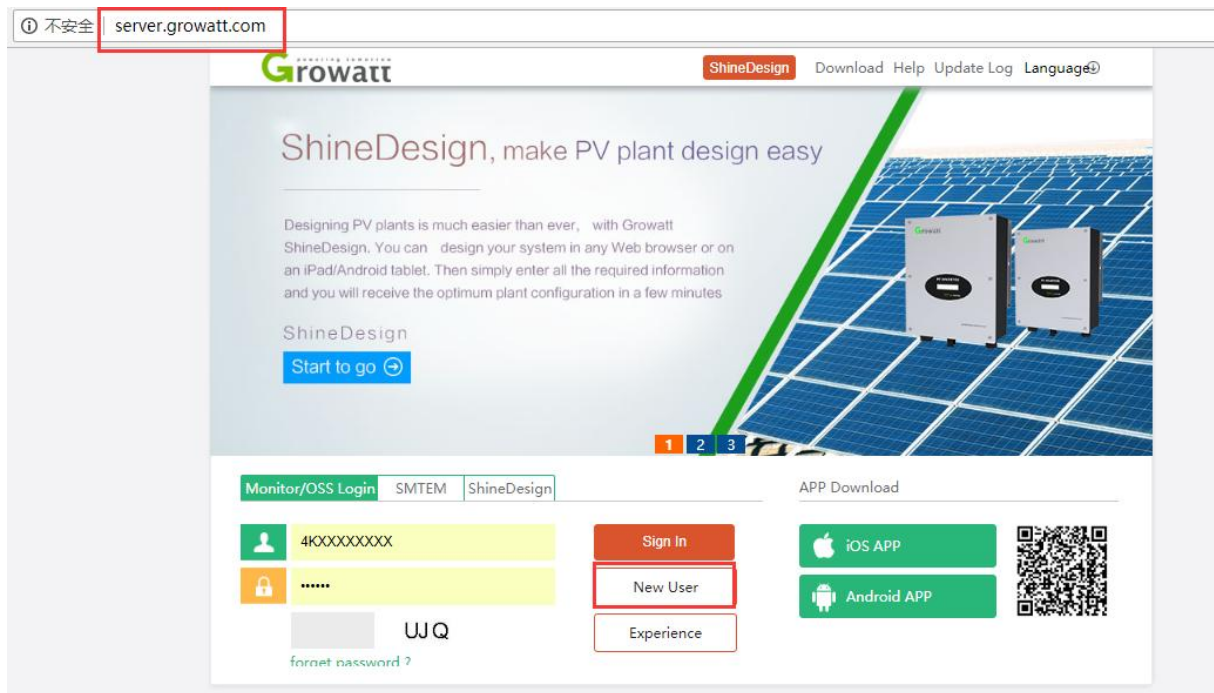
- OSS instruction
- Shine Server
- Shinephone APP

## Desktop



## Server account register

- Access to “server.growatt.com”, and click “New User” in Shine Server portal;



- Enter all the required information in the register window, then click "Register" then you will get your own server account.

The screenshot shows the registration interface for the Growatt OSS Intelligent monitoring and operation center 2.0. A modal window titled "Register" is overlaid on the main dashboard. The modal has three tabs: "User", "Installer", and "Distributor", with "User" selected. The registration form includes the following fields:

- Country: Text input field with a red asterisk.
- Username: Text input field with a red asterisk.
- Password: Text input field with a red asterisk.
- Password confirm: Text input field with a red asterisk.
- Language: Dropdown menu set to "English" with a red asterisk.
- E-Mail: Text input field with a red asterisk.
- Installer code: Text input field with the placeholder "Enter the installer code or alias".

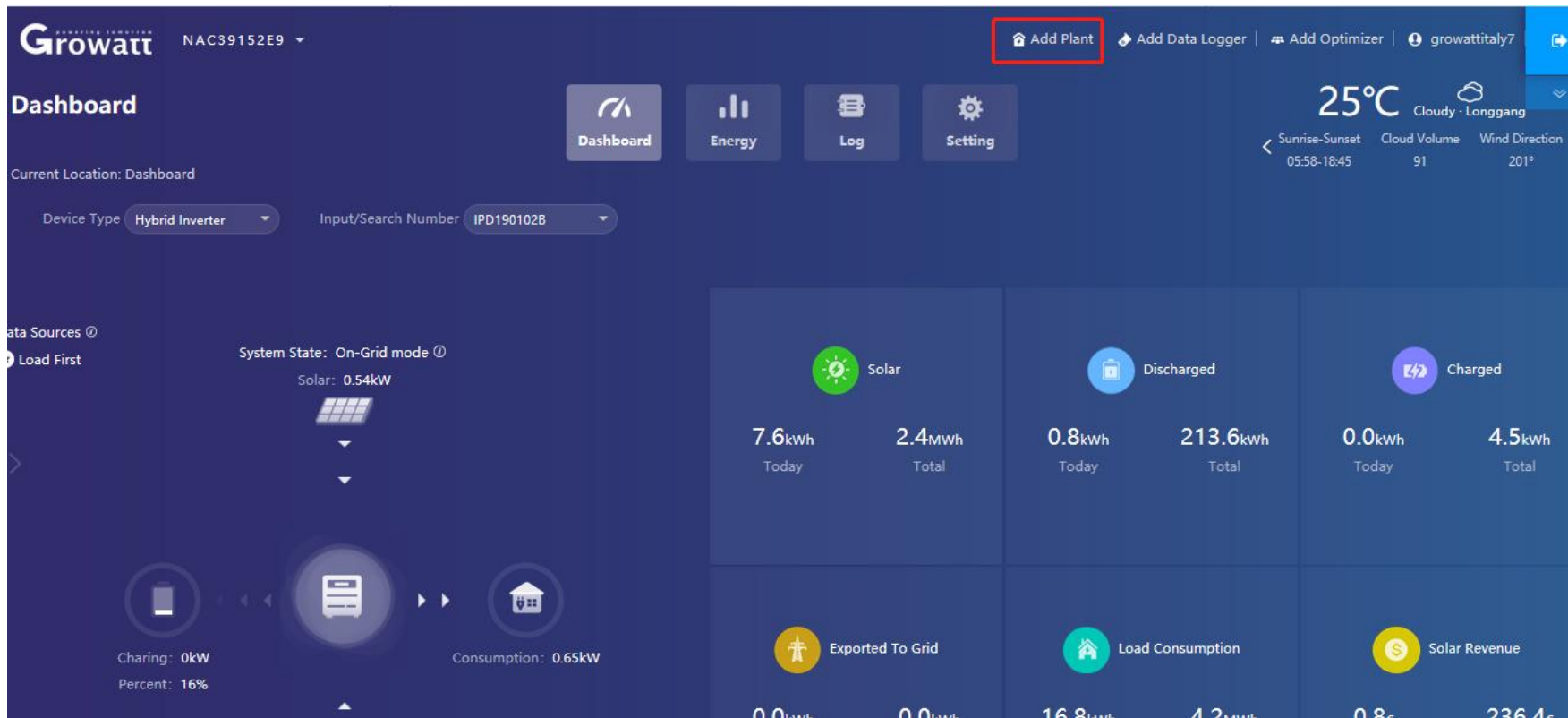
Below the fields, there is a radio button labeled "Agree with the Company's terms". At the bottom of the modal, there are two buttons: "Register" (in a red box) and "Back to login".

The background dashboard shows the Growatt logo, navigation links for "ShineDesign", "Download", "Help", "Update Log", and "Language", and a QR code on the right side.



## Create a new plant, edit and delete plant

- Log into the Growatt server portal(server.growatt.com) using your own account
- Click “Add plant” on home page
- Complete all fields with asterisk mark and click “Save” to create a new plant
- Click tab “energy” on home page to access to “ plant management”
- Now all plants will be shown in the plants list
- Click “Modify” icon to edit plant information.
- Click “ delete ” icon to delete plant.



The screenshot shows the Growatt dashboard for account NAC39152E9. At the top right, there are navigation links: **Add Plant** (highlighted with a red box), Add Data Logger, Add Optimizer, and growattitaly7. The dashboard includes a navigation bar with Dashboard, Energy, Log, and Setting tabs. The current location is set to Dashboard. The device type is Hybrid Inverter and the input/search number is IPD190102B. The system state is On-Grid mode with a solar output of 0.54kW. The main data grid displays the following metrics:

Metric	Today	Total
Solar	7.6kWh	2.4MWh
Discharged	0.8kWh	213.6kWh
Charged	0.0kWh	4.5kWh
Exported To Grid	0.0kWh	0.0kWh
Load Consumption	16.8kWh	4.2kWh
Solar Revenue	0.8€	236.4€

Additional information shown includes: Charing: 0kW (Percent: 16%), Consumption: 0.65kW, and weather conditions: 25°C, Cloudy, Longgang, Sunrise-Sunset: 05:58-18:45, Cloud Volume: 91, Wind Direction: 201°.

**Growatt** NAC39

**Dashboard**

Current Location: Dashboard

Device Type: Hybrid Inverter

Energy Sources @

Load First

Charging: 0kW  
Percent: 16%

### Add Plant

**Installation Information**


Plant Name:  Installation Date:  Pv Capacity(kWp):  Installer:

Plant Type:

**Location Information**

Country:  City:  Plant Image:

Time Zone:  Longitude:  Latitude:



**Set Revenue Formula(Set 1Kwh As The Conversion Standard)**

Selling Price:   Standard Coal Saved:  Co<sub>2</sub> Reduced:  Reducing Deforestation:

Electricity:  Deal Date:  Standing Date:  Off.Deal Date:

Optimizer | growattita

5°C Cloudy - Long

set Cloud Volume W

5 91

Charge

0.0kWh

Today

Solar Reve

0.8€

## Energy

Dashboard
Energy
Log
Setting

Current Location: Energy>Plant Management

Parameter Comparison

Plant Management

Plant Name

Search

Add Plant

No.	Plant Name	Country	City	Installation Date	Time Zone	Pv Capacity(kWp)	Total Energy(kWh)	Operating Tools
1	NAC3915270	Italy		2019-06-11	2	0	3442.9	<span style="border: 2px solid red; padding: 2px;">📄</span> ⚙️ ⬆️ ⬆️ 🗑️ 📊
2	NAC3915277	Italy		2019-06-14	2	0	3617.5	📄 ⚙️ ⬆️ ⬆️ 🗑️ 📊
3	NAC3914031	Italy		2019-06-16	2	0	0	📄 ⚙️ ⬆️ ⬆️ 🗑️ 📊
4	NAC3914032	Italy		2019-06-16	2	0	0	📄 ⚙️ ⬆️ ⬆️ 🗑️ 📊
5	NAC3914033	Italy		2019-06-16	2	0	0	📄 ⚙️ ⬆️ ⬆️ 🗑️ 📊
6	NAC3914034	Italy		2019-06-16	2	0	4918.1	📄 ⚙️ ⬆️ ⬆️ 🗑️ 📊
7	NAC3914035	Italy		2019-06-16	2	0	0	📄 ⚙️ ⬆️ ⬆️ 🗑️ 📊
8	NAC3914036	Italy		2019-06-16	2	0	0	📄 ⚙️ ⬆️ ⬆️ 🗑️ 📊
9	NAC3914037	Italy		2019-06-16	2	0	793.9	📄 ⚙️ ⬆️ ⬆️ 🗑️ 📊
10	NAC3914038	Italy		2019-06-16	2	0	1371.2	📄 ⚙️ ⬆️ ⬆️ 🗑️ 📊

Total 511 Item

Previous
1
2
3
4
5
...
52
Next
To First
1
Page
Yes

## Add data logger into plant

- Log into the Growatt server portal([server.growatt.com](http://server.growatt.com)) using your own account , click “Plant”
- Then click “Add data logger” on home page
- Enter datalogger serial number and check code, select the correct plant under which you want to add this dongle, then click “Save”.
- You can also put multiple datalogger under the same plant, procedure is same as above.

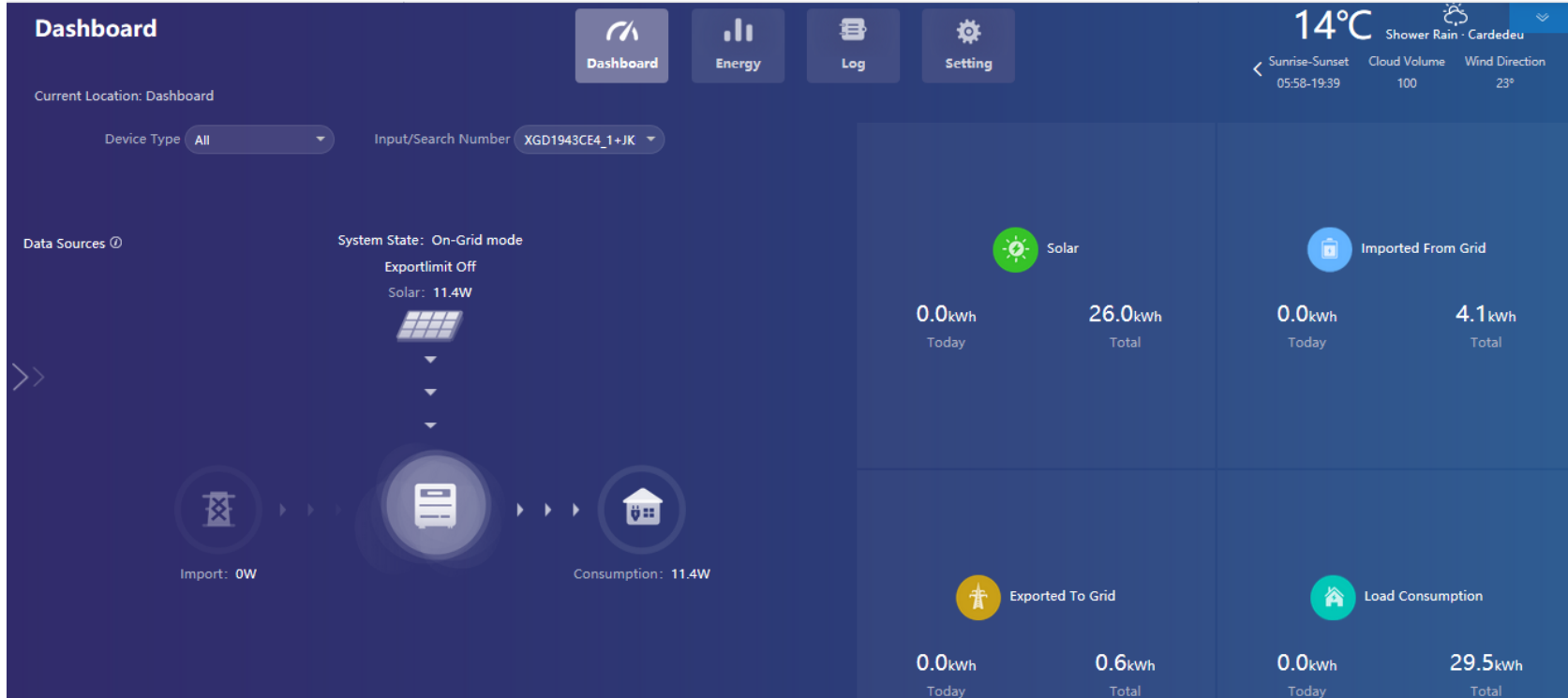
# Server account management

The screenshot displays the Growatt dashboard interface. At the top left, the Growatt logo and account ID 'NAC39152EA' are visible. The top right navigation bar includes 'Add Plant', 'Add Data Logger' (highlighted with a red box), 'Add Optimizer', and a user profile 'growattitaly7'. The main dashboard area features a 'Dashboard' tab selected among 'Energy', 'Log', and 'Setting'. A weather widget shows '25°C Cloudy · Longgang' with sunrise-sunset times, cloud volume, and wind direction. A central modal window titled 'Add Data Logger' is open, containing the following fields: 'Data Logger Sn' (text input), 'Check Code' (text input), 'Assigned Plant' (dropdown menu set to 'NAC39152EA'), and a 'Third Party Device' checkbox. The modal has 'Yes' and 'Cancel' buttons at the bottom. The background dashboard shows a 'Device Type' dropdown set to 'Inverter' and a date/time selector for '2020-04-20'.

## **Create a browser account for each plant (end customer)**

- Log into the Growatt server portal(server.growatt.com) using your own account
- Click “User Centre” on home page and then “User Info” tab
- Click on “Browse account” tab
- Click “Add” to create a new browse account
- Edit the username and password and other information of the browse account you want to create, and select the PV plant you want to link to from the list of existing plants
- Then a browse account has been created, which can be provided to end user for remote monitoring. The account can only be used to view the operational data, cannot modify any information.

## Dashboard : system diagram ( depends on your inverter type )





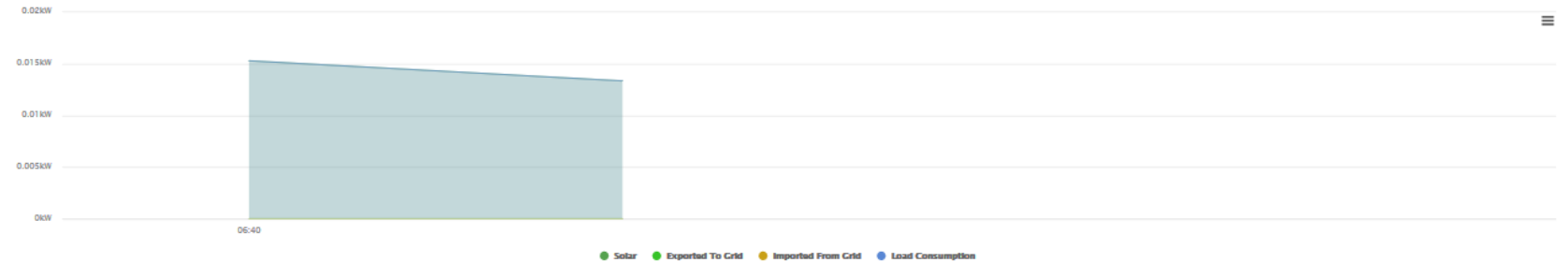
# Dashboard : statistical graphs and charts by real-time/day/month/year

## Energy Trend ⓘ

2020-04-21 Time Day Month Year



Photovoltaic Real-Time Power:0.0kW Downstream:0.0kW



## My Photovoltaic Devices

All Device →

<p>JKE0943009 <span>✔</span></p> <p>(1)</p>	<p>Device Serial Number: JKE0943009 <span>ⓘ</span></p> <p>Connect Status: <span style="color: green;">Normal</span></p>	<p>Update Time: 2020-04-21 06:47:44</p> <p>Rated Power(W): 5000</p>	History Data  Setting
	<p>User Name: solar profit</p> <p>Plant Name: almacén</p>	<p>Data Logger: XGD1943CE4 <span>ⓘ</span></p> <p>Current Power(W): 11.4</p>	
	<p>Today(kWh): 0</p> <p>This Month(kWh): 26</p>	<p>Total Energy(kWh): 26</p>	

Total 1 Item Previous 1 Next To First 1 Page Yes

# Dashboard : view /download inverter history monitoring data

**History Data(XTD0915374)** Date: 2020-04-21 - 2020-04-21 Search Export

No.	Time	Status	EacToday	EacTotal	Ppv(W)	Ppv1(W)	Ppv2(W)
1	2020-04-21 16:15:46	Normal	23.7	5557.7	706.5	357.6	348.9
2	2020-04-21 16:10:45	Normal	23.6	5557.6	1260.7	625.2	635.5
3	2020-04-21 16:05:44	Normal	23.5	5557.5	1345.4	638.8	706.6
4	2020-04-21 16:00:44	Normal	23.4	5557.4	1357.2	594.2	763.0
5	2020-04-21 15:55:42	Normal	23.3	5557.3	1460.9	634.1	826.8
6	2020-04-21 15:50:42	Normal	23.2	5557.2	1475.7	663.0	812.7
7	2020-04-21 15:45:41	Normal	23.1	5557.1	1575.6	657.5	918.1
8	2020-04-21 15:40:41	Normal	23.0	5557.0	1713.2	705.4	1007.8
9	2020-04-21 15:35:40	Normal	22.8	5556.8	1840.3	742.3	1098.0
10	2020-04-21 15:30:40	Normal	22.7	5556.7	554.8	253.5	301.3
11	2020-04-21 15:25:39	Normal	22.6	5556.6	2093.2	877.7	1215.5
12	2020-04-21 15:20:38	Normal	22.5	5556.5	705.5	275.2	430.3
13	2020-04-21 15:15:38	Normal	22.3	5556.3	2427.2	947.2	1480.0
14	2020-04-21 15:10:37	Normal	22.2	5556.2	521.9	226.8	295.1
15	2020-04-21 15:05:36	Normal	22.2	5556.2	490.4	219.9	270.5

Calendar: Apr 2020. Selected date: 2020-04-21. Confirm

## Dashboard : set inverter parameter

The screenshot displays the 'Setting' modal for an inverter. The modal is overlaid on a dashboard background that shows 'My Photovoltaic Devices' with a device ID of XTD0915374 and a total energy production of 2146 KG. The 'Setting' modal is divided into two sections: 'Information' and 'Command'.

**Information**

- Device Serial Number: XTD0915374    Alias: XTD0915374
- Data Logger: SUD0902086    Property: AK1.0/AKAA0101/ZAAA-0001/S03B00D00T00P0FU01M0032

**Command**

- Set Inverter On/Off: Boot
- Set Active Power Ratio: 100 % Not Memory
- Set Reactive Power Ratio: 1 Pf Fixed 1 Not Memory
- Set Inverter Time: 2020-04-21 06:21:49
- High Grid Voltage Limit: 253.0
- Low Grid Voltage Limit: 204.7
- High Grid Frequency Limit: 50.15
- Low Grid Frequency Limit: 47.5
- Set Exportlimit: Off

At the bottom of the modal, there is a text prompt 'Please Enter Key To Save' followed by buttons for 'Yes', 'Advanced Set', and 'Cancel'. In the background dashboard, the 'Setting' icon in the 'History Data' section is highlighted with a red box.

# Dashboard : view all device (inverter and datalogger ) and upgrade datalogger

### My Photovoltaic Devices All Device →

**XTD0915374**  
(1)

Device Serial Number: XTD0915374 ⓘ

Connect Status: Normal

Update Time: 2020-04-21 16:05:45

Rated Power(W): 5000

User Name: **Madden**

Today(kWh): 23.5

History Data

Setting

Mode	S03B00D00T00P0FU01M0032	SUD0902086 ⓘ	Current Power(W): 1318.9
Build number	AK1.0	(kWh): 5365	
Device Model	MIN 5000TL-X		
Communication version number	ZAAA-0001		
Version	AKAA0101		

Next To First 1 Page Yes

### Social Contribution

2146.1

KG

Co: Reduced

295

Trees

Reducing Deforestation

2146.1

KG

Standard Coal Saved

# Dashboard : delete / upgrade /restart datalogger

The screenshot displays the Growatt dashboard interface with three main sections:

- Device Overview (Left):** Shows 'Photovoltaic Device' with a 'Power' meter at 0.7 Current Power(kW). Below the meter are buttons for 'Data Logger' and 'Inverter'. A device card for 'SUD0902086' includes a trash icon for deletion, the device name, a user name 'Madden', and IP & Port information.
- Data Logger Setting Modal (Center):** A pop-up window titled 'Data Logger Setting' with a close button. It is divided into two sections:
  - Information:** Displays 'Data Logger: SUD0902086', 'Alias: SUD0902086', and 'Update Time: 2020-04-21 16:23:22'. It also shows 'Signal / Firmware Version: Excellent / 1.7.6.8'.
  - Command:** A list of actions with corresponding buttons:
    - Set Ip(Caution Ip Transfer With) - Input field: Examples:8.209.89.199
    - Set Domain - Input field: Examples:server.growatt.com
    - Port - Input field
    - Upgrade Data Logger - Button: Upgrade
    - Restart Data Logger - Button: Restart
    - Clear Data Logger Log - Button: Clear
- Revenue Summary (Right):** Shows 'Revenue' with '0 This Month(\$)' and '0 Total(\$)'. Below this is a search bar and a list of items, including 'Data Logger Setting' and 'Delete', both highlighted with red boxes.

At the bottom of the modal, there is a confirmation prompt: 'Please Enter Key To Save' with buttons for 'Yes', 'Advanced Set', and 'Cancel'.

# Energy: statistical graphs and charts by real-time/day/month/year





## Setting: modify user information and change passwords

The screenshot shows the Growatt web interface. At the top, there is a dark blue navigation bar with the Growatt logo on the left, the text 'Madden House' with a dropdown arrow, and several utility links: 'Add Plant', 'Add Data Logger', 'Add Optimizer', and 'Madden' with a refresh icon. Below the navigation bar is a light grey header area with four icons: 'Dashboard', 'Energy', 'Log', and 'Setting'. The 'Setting' icon is highlighted with a red box. Below this header, the main content area is titled 'Setting' and shows the current location as 'Setting > Account Manage'. A sub-header 'Account Manage' is also highlighted with a red box. Underneath, there are three tabs: 'Account Manage', 'Browse Account', 'Email Set', and 'Download'. The 'Account Manage' tab is active. The page is divided into two main sections: 'Userinfo Modify (Please Improve The Information So That We Can Better Serve You)' and 'Change Password'. The 'Userinfo Modify' section contains several input fields: 'User Name' (Madden), 'Company Name', 'Realy Name', 'Email' (pjmakalucky@hotmail.com), 'Tel Phone' (0423303111), 'Language' (English), and 'Installer Id' (Installer Id Or Alias) with a 'Modify' checkbox. A 'Save' button is at the bottom of this section. The 'Change Password' section contains three input fields: 'User Name' (Madden), 'Current Password', 'New Password', and 'Again'. A 'Save' button is at the bottom of this section.



## Setting : Email set (used for receiving error/daily/monthly report)

Setting

Current Location: Setting>Email Set

Account Manage | Browse Account | **Email Set** | Download

No.	Email	Receiving Alarms	Receive Weekly Reports	Receive Monthly Reports	Storage Daily Report	Operating Tools
 No Data						

- OSS instruction
- Shine Server
- Shinephone APP

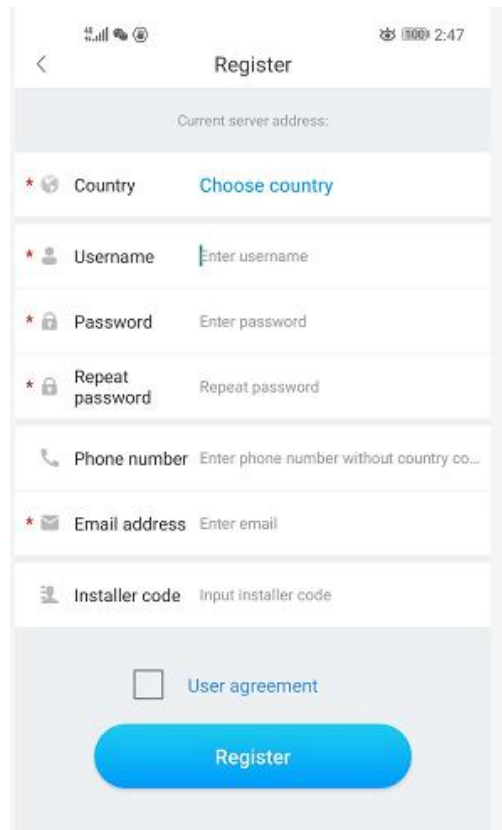
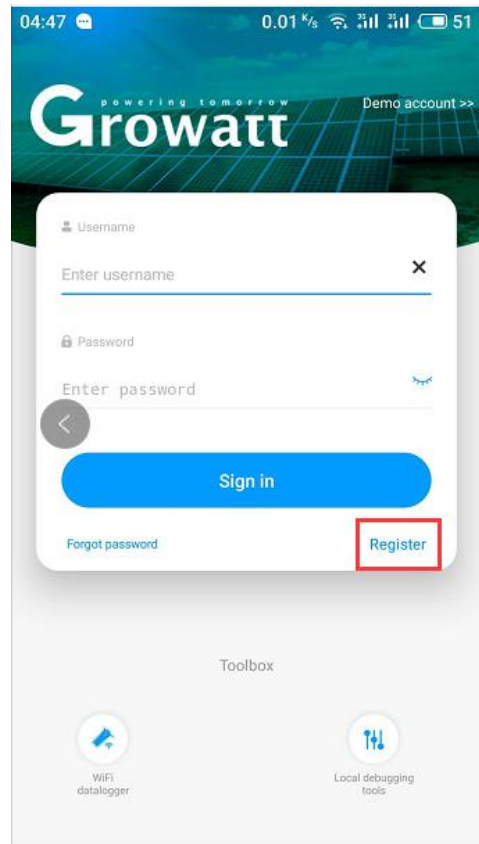
## Shinephone APP



- Registration
- Create new plant
- Add /delete device and reconfigure datalogger
- Change passwords and email
- Setting plant detail information
- View inverter running data and parameters
- Clear message log

## Registration

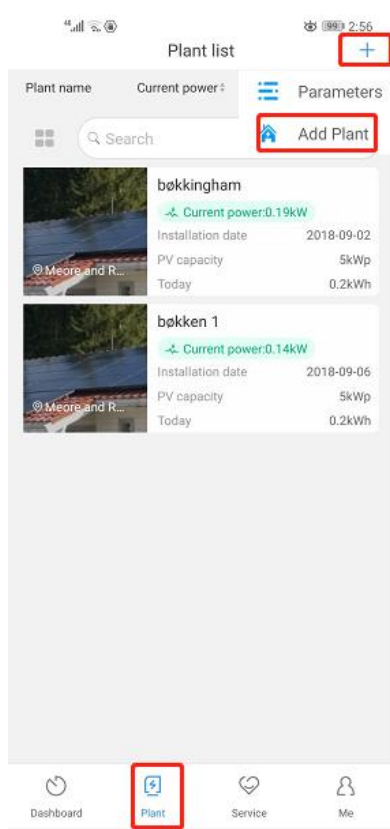
- Search ShinePhone in iOS or Google Play Store, download and install it on your phone, or you can go to Growatt website scan QR code and install it.
- Running Shinephone on your phone , sign in your server account . If you don't have ,you need to register a new account by following steps



## Create new plant

- Login to your account on Shinephone, click “plant” → “+” at the top right → “add plant “ → finish required fields.
- Then you will see one more plant that you just added it on plant list page.

# Shinephone APP



The Add Plant screen contains the following form fields:

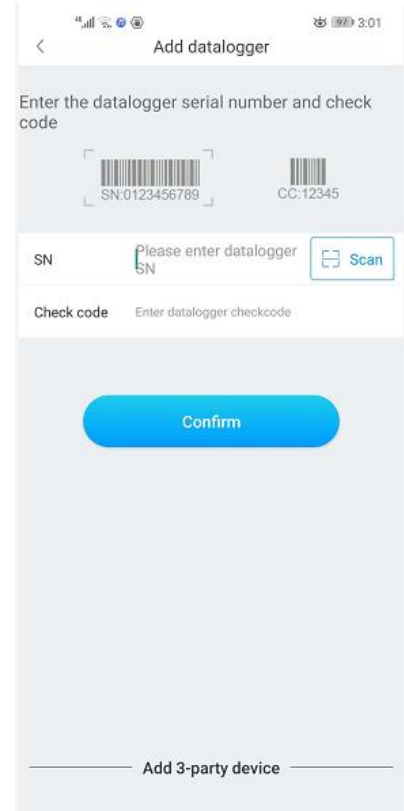
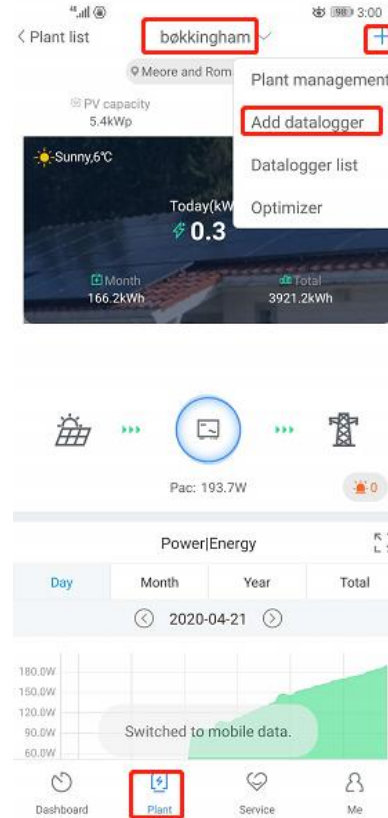
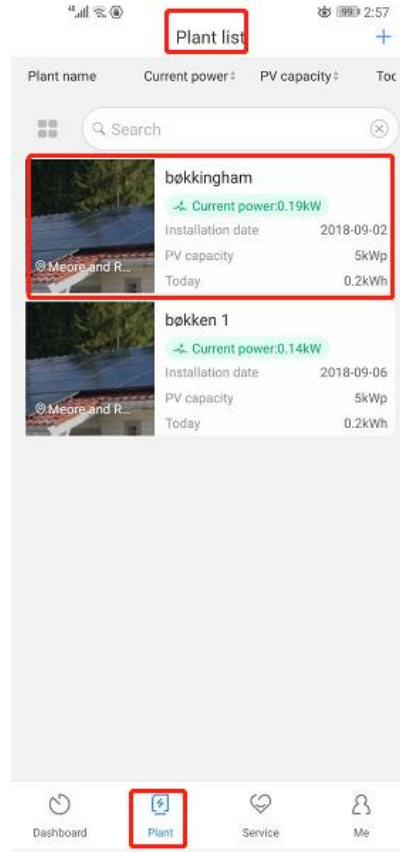
- Plant name:** Enter the Plant name
- Installation date:** Select the installation date
- Plant address:** Includes options for "Get from the map", "Automatic", and "Manual".
- Norway:** City selection dropdown.
- Address:** "Please enter the full address" field.
- Longitude:** and **Latitude:** input fields.
- Time zone:** +08
- PV capacity(w):** PV capacity
- Plant type:** Residential plant, Commercial Plant, Ground-mounted plants
- Fund Revenue:** DOLLAR
- PV Plant picture:** Upload Picture



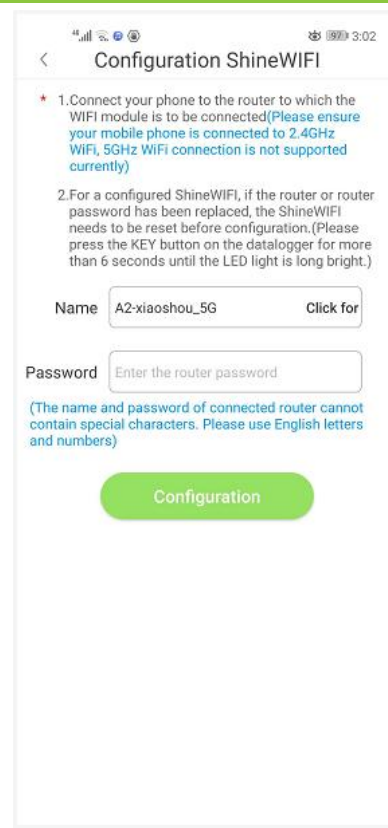
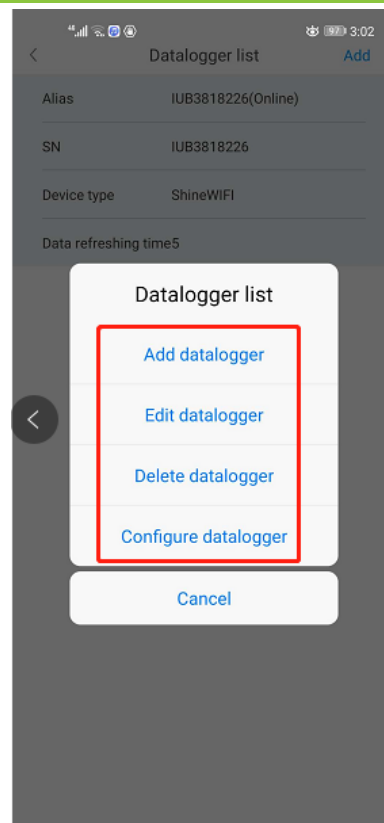
## Add /delete device and reconfigure datalogger

- Login to your account on Shinephone, Click one plant that you going to add device → click + at top right → add datalogger → then choose scan or type datalogger SN to finish .
- After finish adding, you will see one more inverter that connected to that datalogger appear in the device list.
- When you want to delete one ,you can go click “check datalogger” and then press and hold for second ,it will pop up a datalogger list ,you can delete or change its alias or reconfigure it (especially when you changed wifi router or passwords ,you need to do this step)
- After delete the datalogger, in device list page you will see inverter disappeared

## Add device steps



## Delete device and reconfigure datalogger steps

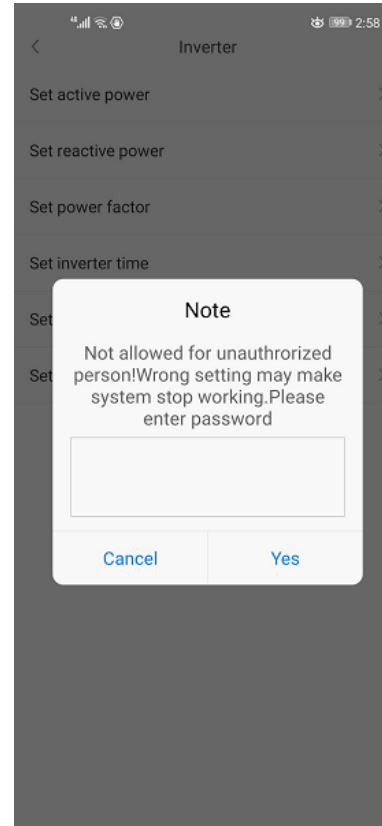
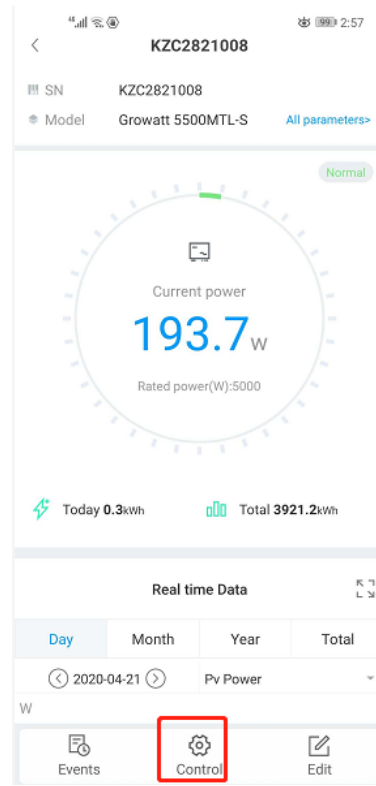
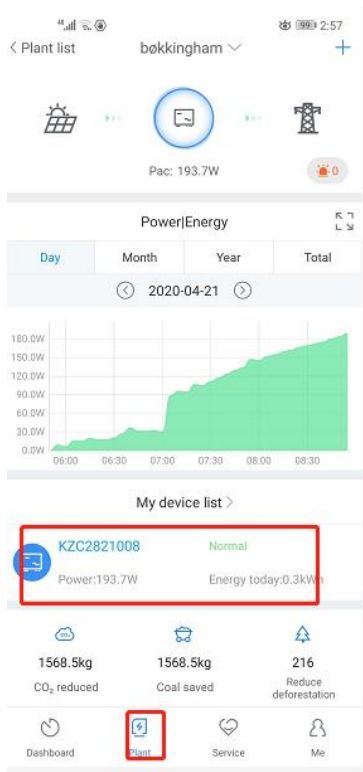


## Setting plant detail information

- Login to your own account, and click your plant name then click “me” at bottom right corner
- Click “configuration of PV Plant” then you will see plant details page and you can set installation information, location, Fund income and PV plant picture.

## Check inverter running data and set parameters

- Login to your own account, and click your plant name on “plant list” then click “inverter” device that you would to check.
- Click “inverter device”,you will see daily ,monthly ,yearly generating power of this inverter.
- Click “control” at bottom on inverter page to set parameters





THANK YOU