

# Monitoring system introduction

We have two systems, OSS (http://oss.growatt.com/index?lang=en) is for installers. ShineServer (https://server.growatt.com/login?lang=en) is for end-customers.

However, end-customers need to fill in the installer code when registering with ShineServer. So Installer need to give your installer code to the end-customers. Enter this code when end-customers is registered, and you can see the device of end-customers in your installer account, and you can set the device.

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# 1, OSS System

A, If you are an installer, first you need to register in the OSS system.

Open the OSS page and select English.

http://oss.growatt.com/login?lang=en

Growatt Growatt OSSManagement system		English
	Login	Register
	Account	~
OPERATION AND MAINTENANCE MANAGEMENT		
FOR INSTALLERS AND DISTRIBUTORS	Password	····
	Remember password	Forget password
		53
Copyright @ Shenzhen Growatt New Energy Technology CO.LTD @ All	Rights Reserved Privacy Policy	Login

#### B, Click to register

Growatt Growatt OSSManagement system		English
	Login	Register
OPERATION AND MAINTENANCE MANAGEMENT	Account	~
	Password	····
TOKING FALLENG AND DIG TRIDOTORG	Remember password	Forget password
		<u>, a</u>
		Login -
	Rights Reserved Privacy Policy	

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### C, Choose Installer.

Growatt Growatt OSSManagement system			_		
Regi	ster	×		Register	
	Registratio	on type			
OPERATION AND MAINTENANCE M			17	~	
FOR INSTALLERS AI		Ú		<b>—</b> >	
	Distributor	Installer	sword	Forget password	
	Agree with the C	companys terms》			
	Next st	tep			
				Login -	
Copyright @ She					

D, Fill in and register the information.

Growatt Growatt OSSManagement system	_		English
Register		×	Register
c	ountry select country	· ·	
Invert	Growatt inverter serial number		~
OPERATION AND MAINTENANCE M	name Company name		
	ebsite		<b>□</b> ₩
Company Ad	Idress	sword	Forget password
	Register		
	Previous		
			Login -

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#### E, Improve personal information

Complete your perso	nal information	×
Account name	Auto generated by the system	
Set password		•
Confirm password		*
Contact person		*
Email		*
E-mail code	Verification code Sent(35)	)
Phone number (		)* (i)
position	Please enter a position	
	Confirm	

F, Wait for the review. After the review is successful, you will get the installer account and installer code by email.

Note: The installer account is not equal to the installer code.

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#### 2, Introduction to OSS.

A, When end customers register with ShineServer, they need to fill in the installer code. So

Installer need to give your installer code to the end-customers.

Growatt	Growatt-Trai	ning (Code:				
	Device list	Monitor manage >I	Device list	Inst	allaste	eur Code
	Inverter	Storage inverter	Hybr	id inverter	SPA	
AMZXB001	Operating state	9				generation a
Monitor Manage <del>-</del>						When DayEne
Plant List		C	06			
Device List		Operat	ing state			••••
End user	÷	Current power	Total	l power		
Screen Display		0.00KVV	0.00	KVV		1 3 5
Service Hall 🔻	Inverter list 🔹	> () Abnormal qu	antity: 0	G Offline invert	er: 0 😑 \	Waiting inverter: 0
	Add device	Serial nu	Imber	City		User/Pla
Ƴ Supply System ▼	No. D	evice SN Mode	l Plant	User name	City	Datalogger
🙎 User Center 🔻	Select all	Delete	Export data 🦯	<u>`</u>		

#### B. Plant List

Here can help end users to create power plants.

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#### B1. Click "Add plant" .

Growatt	Growatt-Training (Code: AMZXB)		
2	Plant manage Monitor manage >Plant manage		
AMZXB001	Day generation	Energy total	- Total component power
⑥ Monitor Manage -	0.0kWh	0.0kWh	0.0W
Plant List Device List			
End user	😑 Plant Management List 🗞 🔮 Online: 🌒 abnorn	nal: C Offline: Total	
Screen Display	Add plant PlantType V	+ Add plants in bate Power station name/us Please choose the city	ches     Download list(0)     ft Plant groups manage <u>+</u> Export ( <b>Q</b> Search Advanced screening T
Supply System	No. Status Plant name User nam	ne City Power station Installation date	Number of Total component component today      Full hours      Total      Total      Total      Total
	Select all Specify plant grouping Set time zone	Set the low limit of generation create_single_page	e 🔊 🕼 Realtime alarm
🙎 User Center 🔻			:
Suctom Sot			>

B2.Fill in user information. Please select "Growatt Server" for the server.

Add plant			×
New user Exis	ing user? Skip Add plan	t Add data	logger
*Server	Growatt Server	•	
*Country	select country 🔻		
*Account name			
*Set password		11.11 11.11 11.11	
*Confirm password			
*Time zone	GMT 1	*	
Company name			
	Save	Cancel	-

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B3. Search for power stations. Enter the inverter serial number in the advanced filter. Find the corresponding power station, click eyes, you can manage it.

Growatt	Growatt-Tr	aining (Code	e: AMZXB)						Fi	ull screen English 👻 🕐
		100 A			9	19 <b>1</b> 9				S.
AMZXB001		0.0	OkWh			0.0	WC			0 ¥
Monitor Manage →	abnormal: 0	Offline: 3	Total 3							
Plant List			+	Add plants in bate	thes Do	ownload list(0)	👖 Plant group	s manage	Export data	Parameter display (9/16)
Device List	Powe	er station name	Please choo	ose the city	Q Sea	Irch Advan	ced screening 🏌		un	nstellen
End user	-		Rower station	Installation date	Number of	Total	Concration			
Screen Display	User name	City	revenue		device \$	component power ¢	today ‡	Full hours \$	Total \$	Operating tools
Service Hall 🔻	ttsrtg123	Shenzhen	0	2020-02-21	0	1000W	0kWh	0	OkWh	

- C, Device List. The inverter can be added here.
  - Growatt Growatt-Training (Code: AMZXB)

	Device list	Monitor manage >De	vice list			
	Inverter	Storage inverter	Hybrid inverter	SPA		
AMZXB001	Operating stat	te			generation a	ind revenue
🙆 Monitor Manage <del>-</del>					When DayEne	rgy total 0kWh
Plant List		0	%			
Device List		Operating	a state			•••••
End user	≡	Current power	Total power			
Screen Display	-	0.00KW	0.00KW		1 3 5	7 9 11
Service Hall 👻	Inverter list	Abnormal quar	tity: 0 () Offline inver	rter: 0 🛛 🤤 Wa	aiting inverter: 0	Online inve
	Add dev	ice Serial num	ber City		User/Pla	nt
₩ Supply System ▼	No.	Device SN Model	Plant User name	City	Datalogger	Last update

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#### D, End UserEnd users can be added here.

Growatt	Growat	t-Training (Co	ode: AMZXB	)			
	Endu	ISER Monitor mar	nage >End user				
AMZXB001	End u	ıser list ◆ New user Ut	sername	Please se	ect the instal	ler 🗸 Q Seal	ch
Monitor Manage <del>▼</del>		No. Account name	Alias	Phone number	E-mail	Registration date	Number of device
Plant List	1					2020-02-21	0
Device List	2	2				2020-02-21	0
End user Screen Display	<b>€</b> 3	\$	$(1,1) \in \mathbb{R}^{n}$			2020-02-21	0

If you log in with an installer account through OSS and create a customer account from there, it will automatically link to your installer account. In this case, you do not have to enter the installer code.

After creating a end-customer account through the ShinePhone app or ShineServer (server.growatt.com), the end customer must enter the installer code. The end customer get this code from installer. When the end customer fills in the installer code, the end account will be automatically added under the installer account of this code.

Benutzer	Installateur	Vertriebspartner
Land		<b>.</b>
Benutzernamen	Maximal 30 Zeichen geben Sie bitte Benutzemamen ein	•
Passwort	Nicht weniger als 6 Stellen	•
Passwort bestätigen	Nicht weniger als 6 Stellen	•
Sprache	German	•
Telefonnummer		
E-Mail		•
Installationscode	bitte Installat Code eingeb	eur en
🖉 Z	ustimmung zu den Begriffen	
	Next	

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## 3, Introduction to ShineServer (server.growatt.com)

ShineServer (https://server.growatt.com/login?lang=en) is for end-customers.

A, End customers can observe the power generation in shineserver.



B, End customers can set parameters in shineserver, such a anti-reflux.

Inverter Setting			×	<	
Device Serial Number	Information Alias:			All Device	
Data Logger:	Property: DH1.0/djaa9906/A1B0D1 Command	T0PFU1MCS4			
◯ Set Pv On/Off		Boot	•	History Data	
Set Save Pf Command		Off	•	Ŧ	
O Set Active Power Rate		100	%	Inverter Setting	
O Set Reactive Power Rate	Over 🔻	255	%		
○ Set Pf Value (-0.8 ~ -1/0.8 ~ 1)		1.0			
◯ Set Time		2021-02-16 07:37	:51		
🔵 Set Grid Voltage High		442.2		•	
Please Enter Key To Save	Yes	Advanced Set	Cancel	I Saved	

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#### C, When the machine fails, the customer can view the error in the log, so as to check the

#### machine accordingly.

Log		Dashboard	Energy Log	Setting		
Fault Log Device Serial Number	Alias	Device Type	Time	1 2021-02-16 1 Day	Month Year Device Serial Number Device S	erial Number Search Export
			No Data			

D, Customers can also view more surprising data.



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