

# Stappenplan voor Wifi-installatie en aanmelding van Growatt omvormers



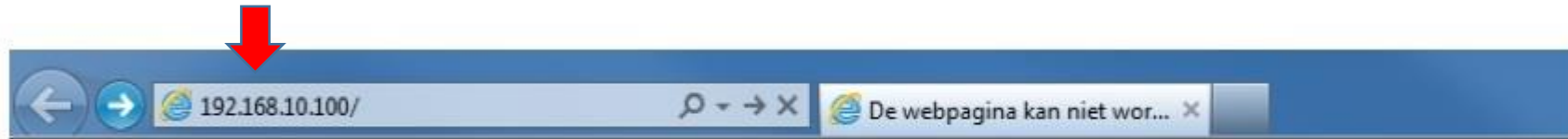
## Stap 1

- Sluit de WiFi module aan op de omvormer via de voorziene poort ( RS 232 )  
Verbind je laptop met de WiFi module, het serienummer van de WiFi module wordt weergegeven als netwerknaam in de lijst met beschikbare netwerken rechts onderaan in de taakbalk van uw laptop.
- Om verbinding te maken gebruikt u onderstaande gegevens:
  - Gebruikersnaam: admin
  - Password: admin

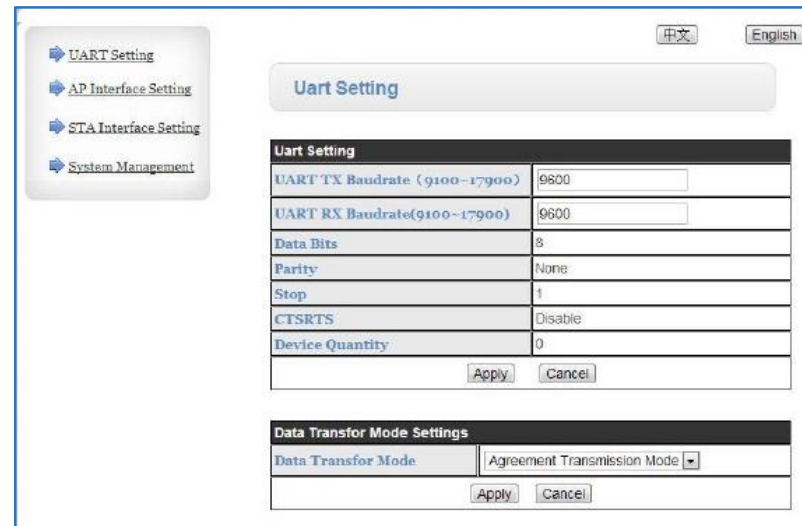


## Step 2

- Open de internetbrowser en voer in de adresbalk het volgende IP adres in 192.168.10.100



- Druk nu op Enter. Uw webbrowser stuurt u door naar het menu van de WiFi module.



The screenshot shows a web interface for configuring UART settings. On the left, there is a sidebar with navigation links: UART Setting, AP Interface Setting, STA Interface Setting, and System Management. The main content area is titled "Uart Setting" and contains a table of settings. Below the table are "Apply" and "Cancel" buttons. There is also a section for "Data Transfer Mode Settings" with a dropdown menu and "Apply" and "Cancel" buttons.

Uart Setting	
UART TX Baudrate (9100-17900)	9600
UART RX Baudrate(9100-17900)	9600
Data Bits	8
Parity	None
Stop	1
CTSRTS	Disable
Device Quantity	0

Apply Cancel

**Data Transfer Mode Settings**

Data Transfer Mode	Agreement Transmission Mode
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Apply Cancel

## Stap 3

- Klik nu op 'STA Interface Setting'

UART Setting

AP Interface Setting

STA Interface Setting

System Management

中文 English

### Uart Setting

Uart Setting	
UART TX Baudrate (9100~17900)	9600
UART RX Baudrate(9100~17900)	9600
Data Bits	8
Parity	None
Stop	1
CTSRTS	Disable
Device Quantity	0

Apply Cancel

### Data Transfer Mode Settings

Data Transfer Mode	Agreement Transmission Mode
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Apply Cancel

## Stap 4

- Klik nu op 'Search'
- Er verschijnt een nieuw venster

STA Interface Setting

STA Interface Parameters

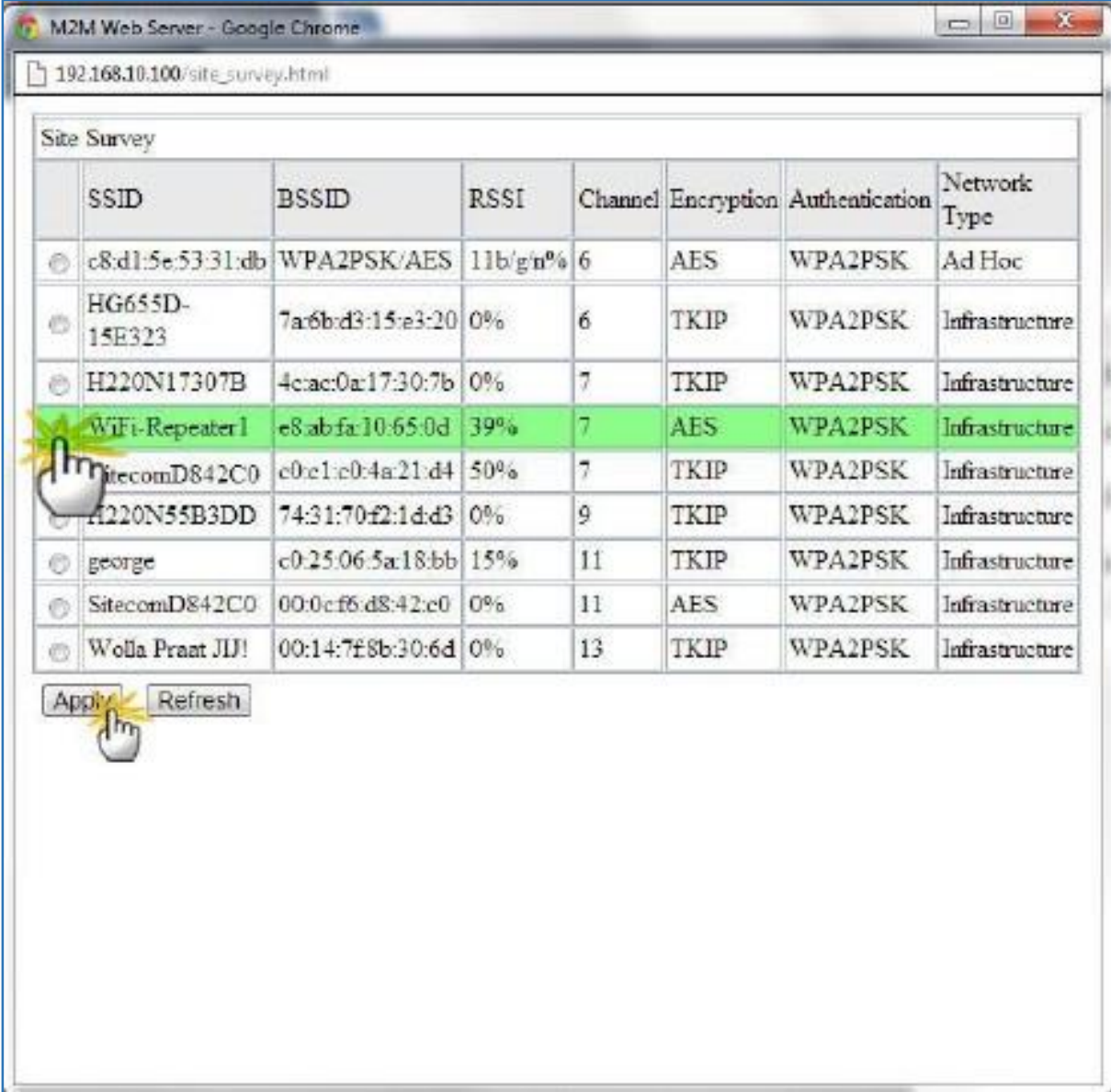
AP's SSID	<input type="text"/>	Search
MAC Address (Optional)	<input type="text"/>	
Security Mode	OPEN	▼
Encryption Type	NONE	▼
Connection State	No Setting	
Apply Cancel		

DHCP Mode

WAN Connection Type:	DHCP(Auto config)	▼
IP Address	0.0.0.0	
Subnet Mask	0.0.0.0	
Default Gateway	0.0.0.0	
Apply Cancel		

## Stap 5

- Selecteer het juiste WiFi netwerk in de lijst
- Klik op 'Apply'



The screenshot shows a web browser window titled 'M2M Web Server - Google Chrome' displaying a 'Site Survey' page. The page contains a table with the following columns: SSID, BSSID, RSSI, Channel, Encryption, Authentication, and Network Type. The table lists several WiFi networks, with 'WiFi-Repeater 1' highlighted in green. A mouse cursor is pointing at the 'Apply' button below the table.

	SSID	BSSID	RSSI	Channel	Encryption	Authentication	Network Type
<input type="radio"/>	c8:d1:5e:53:31:db	WPA2PSK/AES	11b/g/n%	6	AES	WPA2PSK	Ad Hoc
<input type="radio"/>	HG655D-15E323	7a:6b:d3:15:e3:20	0%	6	TKIP	WPA2PSK	Infrastructure
<input type="radio"/>	H220N17307B	4c:ac:0a:17:30:7b	0%	7	TKIP	WPA2PSK	Infrastructure
<input checked="" type="radio"/>	WiFi-Repeater 1	e8:ab:fa:10:65:0d	39%	7	AES	WPA2PSK	Infrastructure
<input type="radio"/>	SitecomD842C0	c0:c1:c0:4a:21:d4	50%	7	TKIP	WPA2PSK	Infrastructure
<input type="radio"/>	H220N55B3DD	74:31:70:f2:1d:d3	0%	9	TKIP	WPA2PSK	Infrastructure
<input type="radio"/>	george	c0:25:06:5a:18:bb	15%	11	TKIP	WPA2PSK	Infrastructure
<input type="radio"/>	SitecomD842C0	00:0c:f6:d8:42:c0	0%	11	AES	WPA2PSK	Infrastructure
<input type="radio"/>	Wolla Praat JIJ!	00:14:7f:8b:30:6d	0%	13	TKIP	WPA2PSK	Infrastructure

Apply Refresh

## Stap 6

- Voer nu het paswoord in van de WiFi verbinding in het vak langs de vermelding 'Passs Phrase'

- Klik nu op 'Apply'

中文 English

### STA Interface Setting

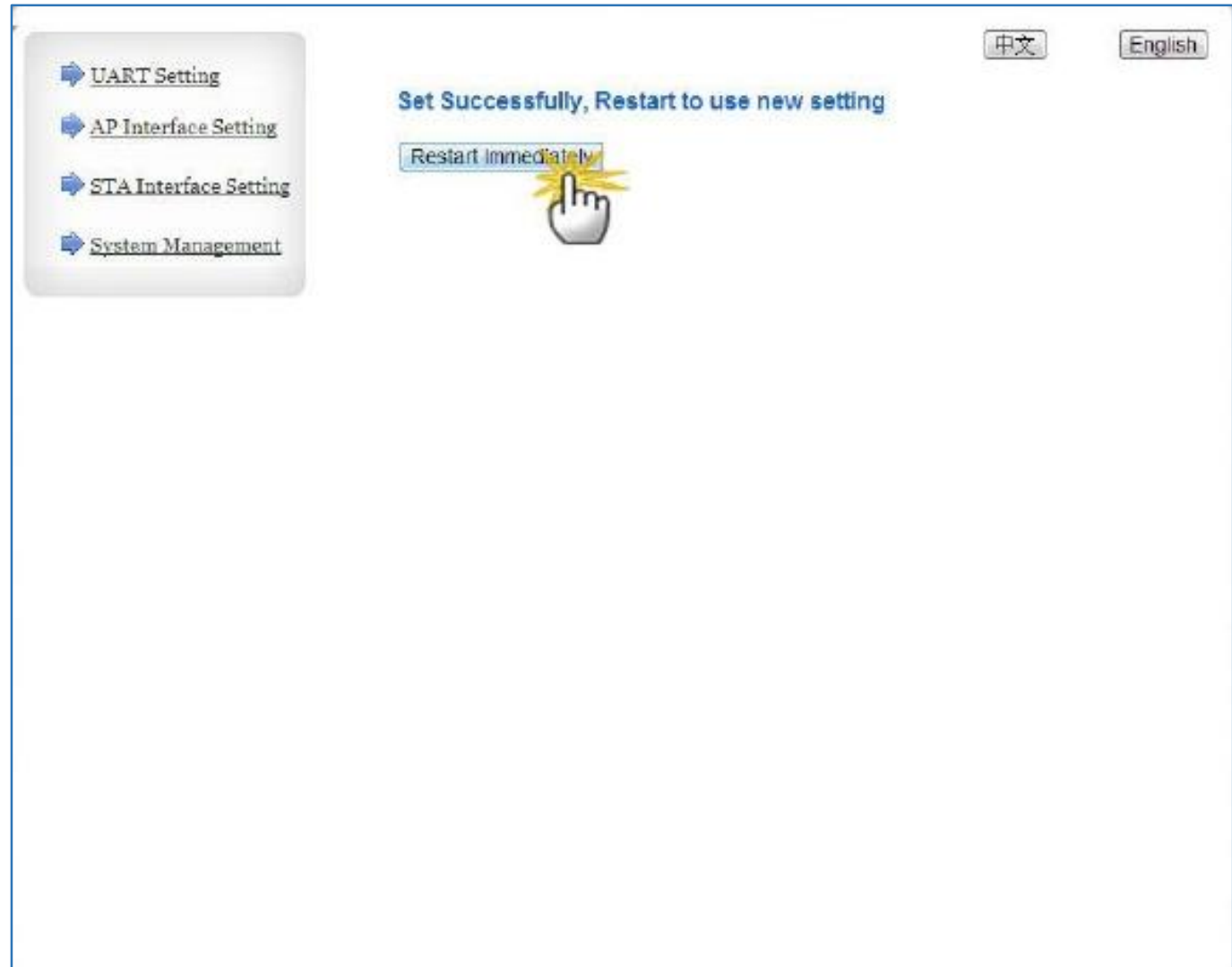
STA Interface Parameters	
AP's SSID	WIFI-Repeater1 <input type="text" value="Search..."/>
MAC Address (Optional)	<input type="text"/>
Security Mode	WPA2PSK ▾
Encryption Type	AES ▾
Pass Phrase(8~32 Characters)	*****
Connection State	
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>	

DHCP Mode	
WAN Connection Type:	DHCP(Auto config) ▾
IP Address	0.0.0.0
Subnet Mask	0.0.0.0
Default Gateway	0.0.0.0
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>	

## Step 7

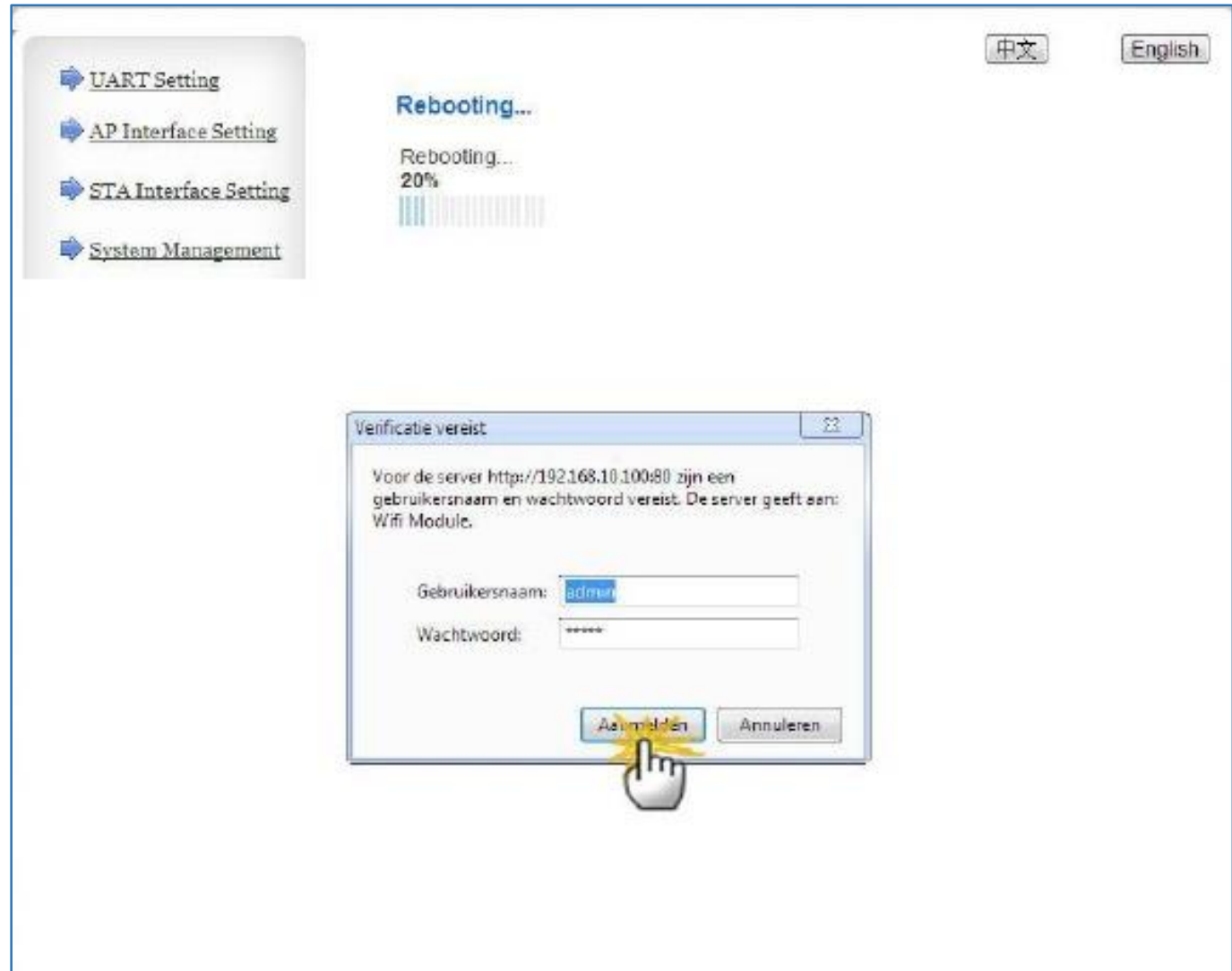
- Om de verbinding te activeren klikt u op 'Restart Immediately'





## Stap 8

- Het systeem gaat herstarten om de nieuwe instelling toe te passen.
- U dient opnieuw Gebruikersnaam: **admin**  
Wachtwoord: **admin**  
in te geven



## Step 9

- U komt terug op de pagina 'STA Interface Setting'
- Hier dient in het groen 'Connected' te staan  
De WiFi module is nu verbonden met het WiFi netwerk dat u heeft geselecteerd.
- Controleer of de site in het vak Network Setting op **server.growatt.com** staat

STA Interface Setting

STA Interface Parameters

AP's SSID	WiFi-Repeater1	Search...
MAC Address (Optional)		
Security Mode	WPA2PSK	
Encryption Type	AES	
Pass Phrase(8-32 Characters)	*****	
Connection State	Connected	

Apply Cancel

DHCP Mode

WAN Connection Type:	DHCP(Auto config)
IP Address	192.168.1.18
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.254

Apply Cancel

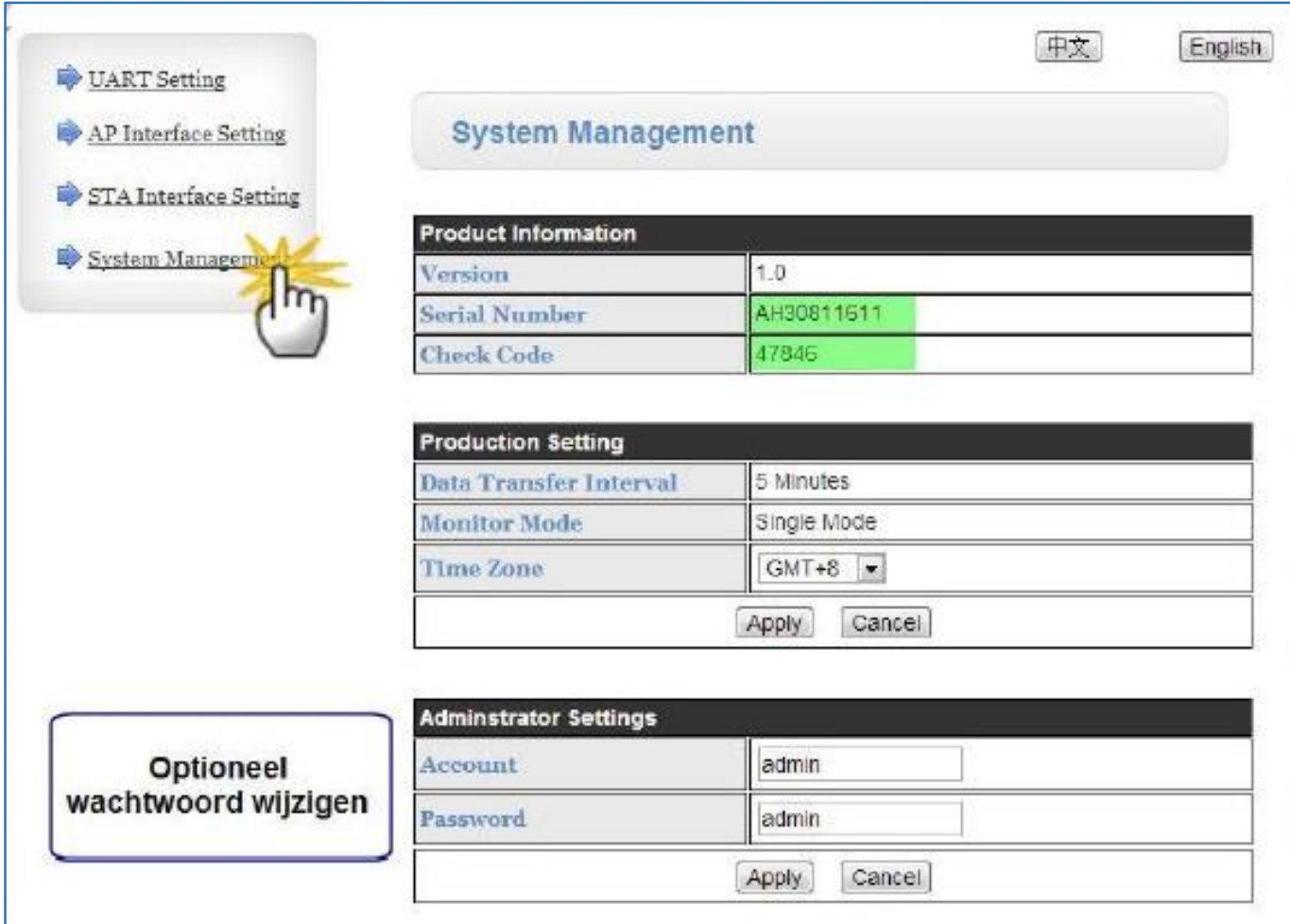
Network Setting

Server Address(IP Address or Domain Name)	server.growatt.com
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Apply Cancel

## Stap 10

- U klikt nu op 'System Management'
- Noteer ergens het Serial Number en de check code. Deze heeft u nodig om stappen 13 & 15 te kunnen vervolledigen.
- Indien u kiest om ook het wachtwoord van de WiFi module aan te passen, dient u dit deze gegevens ook ergens te noteren.  
( We raden u af om deze aan te passen. Dit kan voor problemen zorgen bij service in de toekomst )



System Management

Product Information	
Version	1.0
Serial Number	AH30811611
Check Code	47846

Production Setting	
Data Transfer Interval	5 Minutes
Monitor Mode	Single Mode
Time Zone	GMT+8

Apply Cancel

Administrator Settings	
Account	admin
Password	admin

Apply Cancel

**Optioneel wachtwoord wijzigen**

# Stap 11

- Indien u niet automatisch wordt doorgestuurd naar website **server.growatt.com** dient u zelf deze tekst in te geven in de adresbalk van uw browser.



# Stap 12

- Indien het de eerste maal is dat u een Growatt omvormer gaat aanmelden, dient u zich eerst te registreren.  
Dit doet u door te klikken op 'register'

The screenshot displays the Growatt user interface with the following sections:

- User Login:** Includes fields for 'User name:' (containing 'username'), 'Password:' (masked with dots), and 'Validate code:' (containing 'Y8HQ'). There are 'Login' and 'Register' buttons. A hand cursor is pointing at the 'Register' button.
- Information:** A large banner image showing two workers installing solar panels on a roof. The text 'Growatt Powering Tomorrow' is overlaid on the image.
- Power distribution:** A table with the following data:

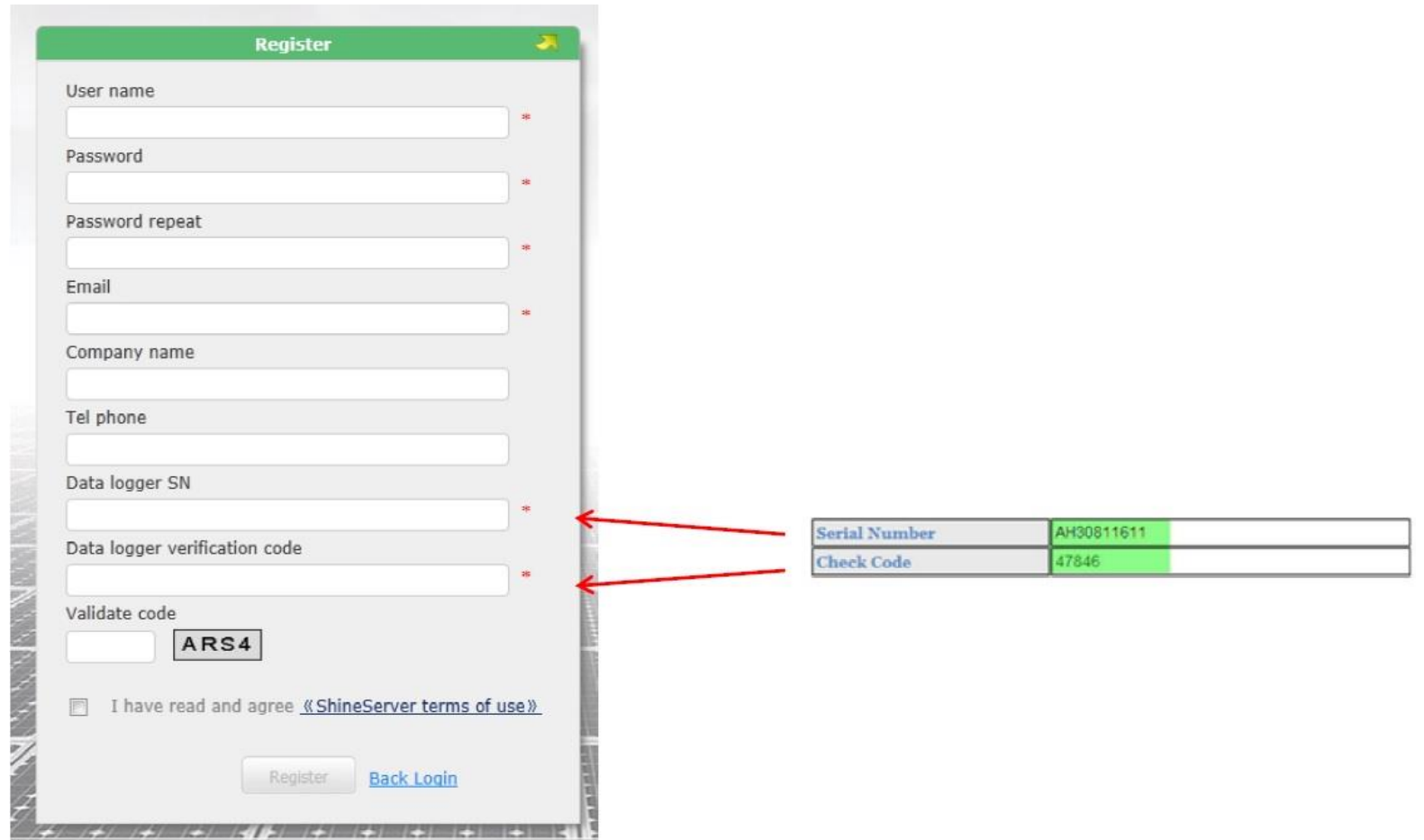
Total of Stations:	326
Total of Energy:	998 MWh.
Reimbursement:	998000 \$.
Reduced CO2:	995 T.
- Example Plants:** A section with a green wave icon and text: 'User need not login, click here and go into the example plants.....'. Below this are several small plant icons with labels like 'discible', 'siscr', and 'jisr'. A 'Click to view' button is present.
- Notice:** A section with a solar panel icon and text: 'Reduce Co2: 652kg', 'save coal: 852kg'.

At the bottom of the interface, there are two green buttons for mobile apps: 'Shine server IOS APP' (with an Apple logo) and 'Shine server Android APP' (with an Android logo). The footer contains the text: 'Copyright © 2012 GROWATT NEW ENERGY TECHNOLOGY CO.,LTD Resolution: 1024x768'.



## Stap 13

- Vul uw gegevens in.
- User name : uw e-mail adres
- Password : uw inschrijvingsnummer.



The image shows a 'Register' form with several input fields. To the right of the form is a table with two rows: 'Serial Number' with value 'AH30811611' and 'Check Code' with value '47846'. Red arrows point from these values to the 'Data logger SN' and 'Data logger verification code' fields in the form.

Serial Number	AH30811611
Check Code	47846

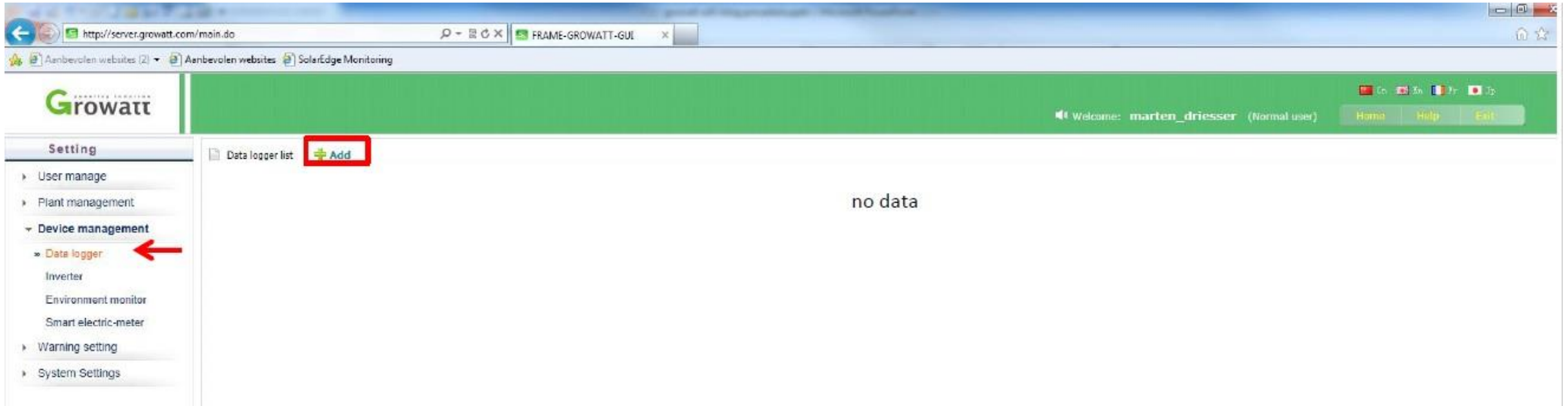
The 'Register' form contains the following fields and elements:

- User name
- Password
- Password repeat
- Email
- Company name
- Tel phone
- Data logger SN
- Data logger verification code
- Validate code:  ARS4
- I have read and agree [« ShineServer terms of use »](#)
- Buttons: Register, Back Login

- In het vak Data logger SN : Serienummer in dat u in bij stap 10 heeft genoteerd
- In het vak Data logger verification code : Check Code in die u bij stap 10 heeft genoteerd

# Stap 14

- Klik op 'Device management', hierna klikt u op 'Data Logger'
- Vervolgens klikt u op '+Add' om een toestel toe te voegen



# Stap 15

- Voer Serial number en Check code in, vervolgens klikt u op 'Save'

The screenshot shows a web browser window with the URL `http://server.growatt.com/main.do`. The page title is "FRAME-GROWATT-GUI". The browser's address bar shows "Aanbevolen websites (2)", "Aanbevolen websites", and "SolarEdge Monitoring". The Growatt logo is visible in the top left corner. The user is logged in as "marten\_driesser (Normal user)".

The "Setting" menu on the left includes:

- User manage
- Plant management
- Device management
  - Data logger
  - Inverter
  - Environment monitor
  - Smart electric-meter
- Warning setting
- System Settings

The "Data logger registration" form contains the following fields:

Data logger SN:	<input type="text"/>
Data logger security code:	<input type="text"/>
Plant for the data logger:	Undefined plant <input type="button" value="v"/>

Buttons: Save, Cancel

Table above the form:

Serial Number	AH30811611
Check Code	47846

Om een ander toestellen toe te voegen, kan u onder Data logger opnieuw klikken op '+Add' zoals omschreven in stap 14



# Stap 16

- U growatt omvormer is nu geregistreerd, u kan nu verschillende grafieken en schema's en logboeken oproepen betreffende de opbrengst van uw systeem.'

