

Cutting Costs with



Remote Commissioning

YOUR SPEAKERS

For Today



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COMMISSIONING IS KEY



AS EASY AS POSSIBLE

Any issue or failure to proceed results in call to support

AS QUICK AS POSSIBLE

Reducing the time for installer on site

REMOTELY? YES PLEASE!

Installation on site, commissioning later

SUPERIOR MONITORING. HIGHER YIELD.



GDPR COMPLIANT

Server located in Europe

SECURE

redundant data storage

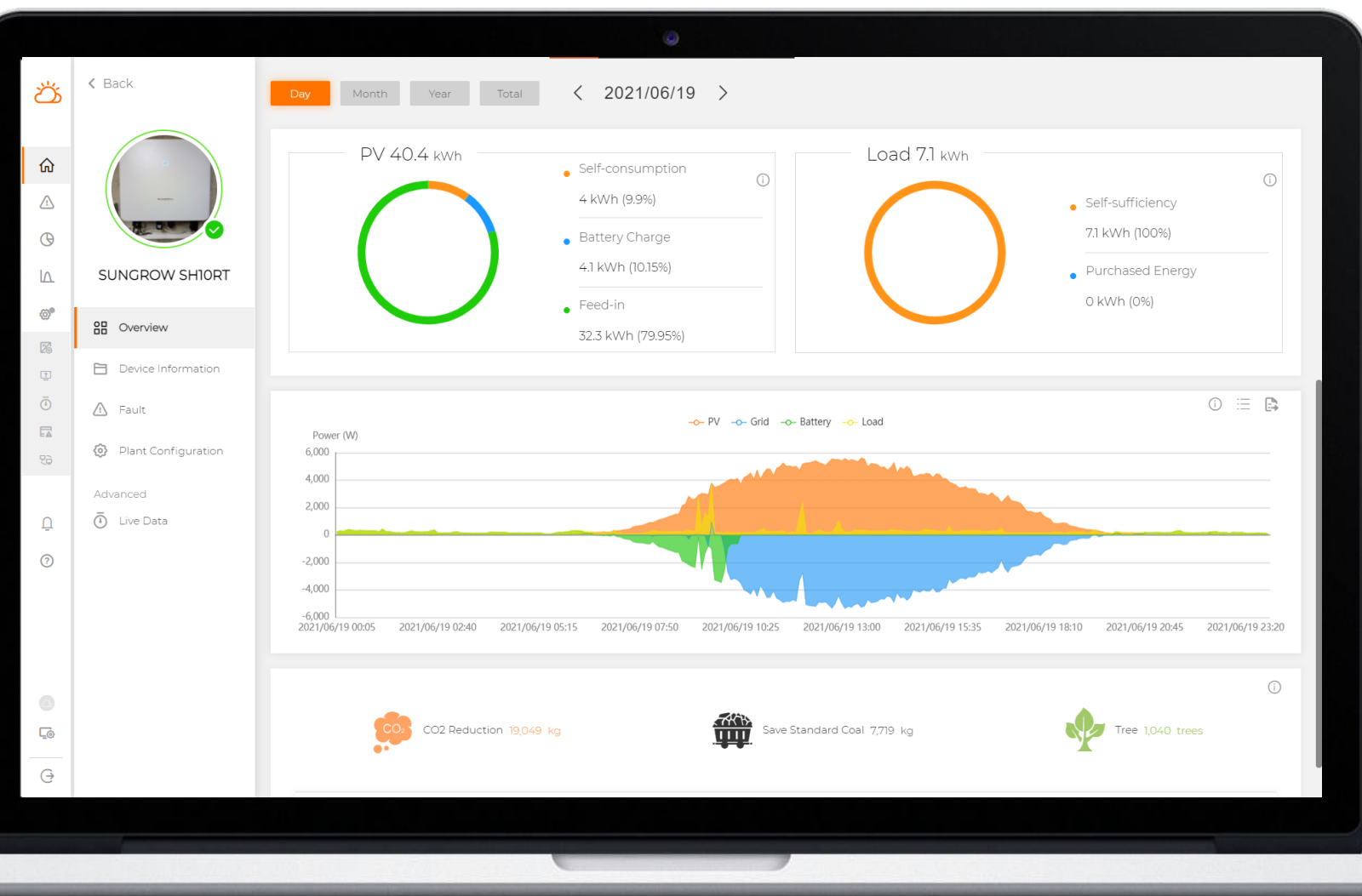
FLEXIBLE

iSolarCloud as APP and on desktop

FEATURE-RICH

Many useful features, gradual deployment of new functions

iSOLARCLOUD



EASY

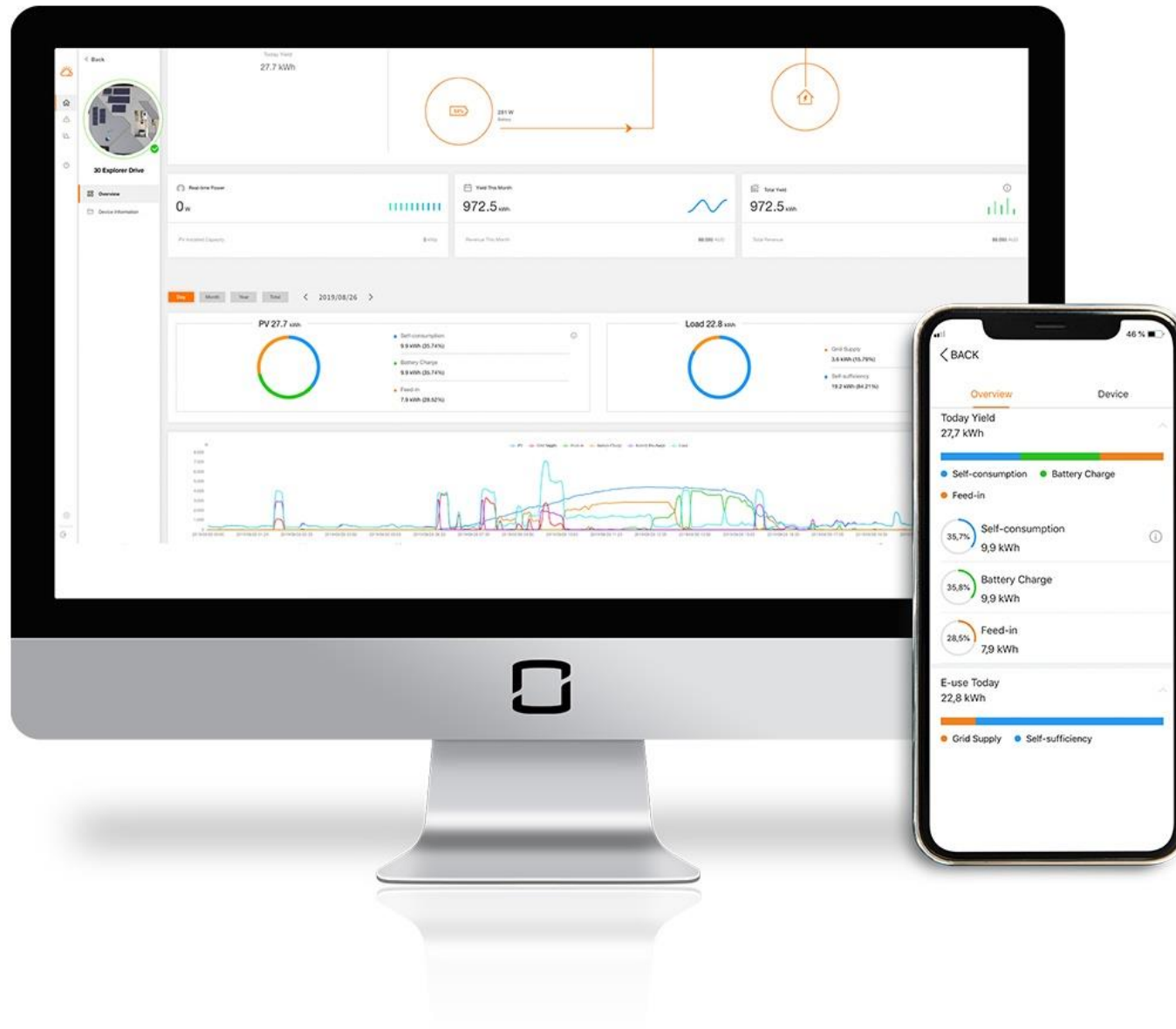
Remote FW updates,
parameters settings

CONNECTED

Easy sharing

SMART

Live data, 10sec refresh time



iSolarCloud

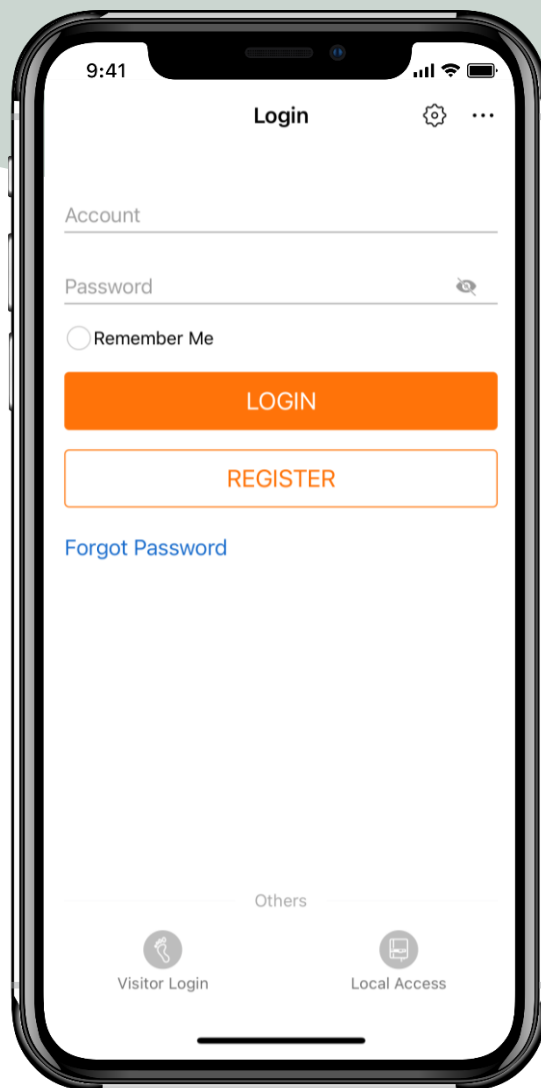


www.isolarcloud.com

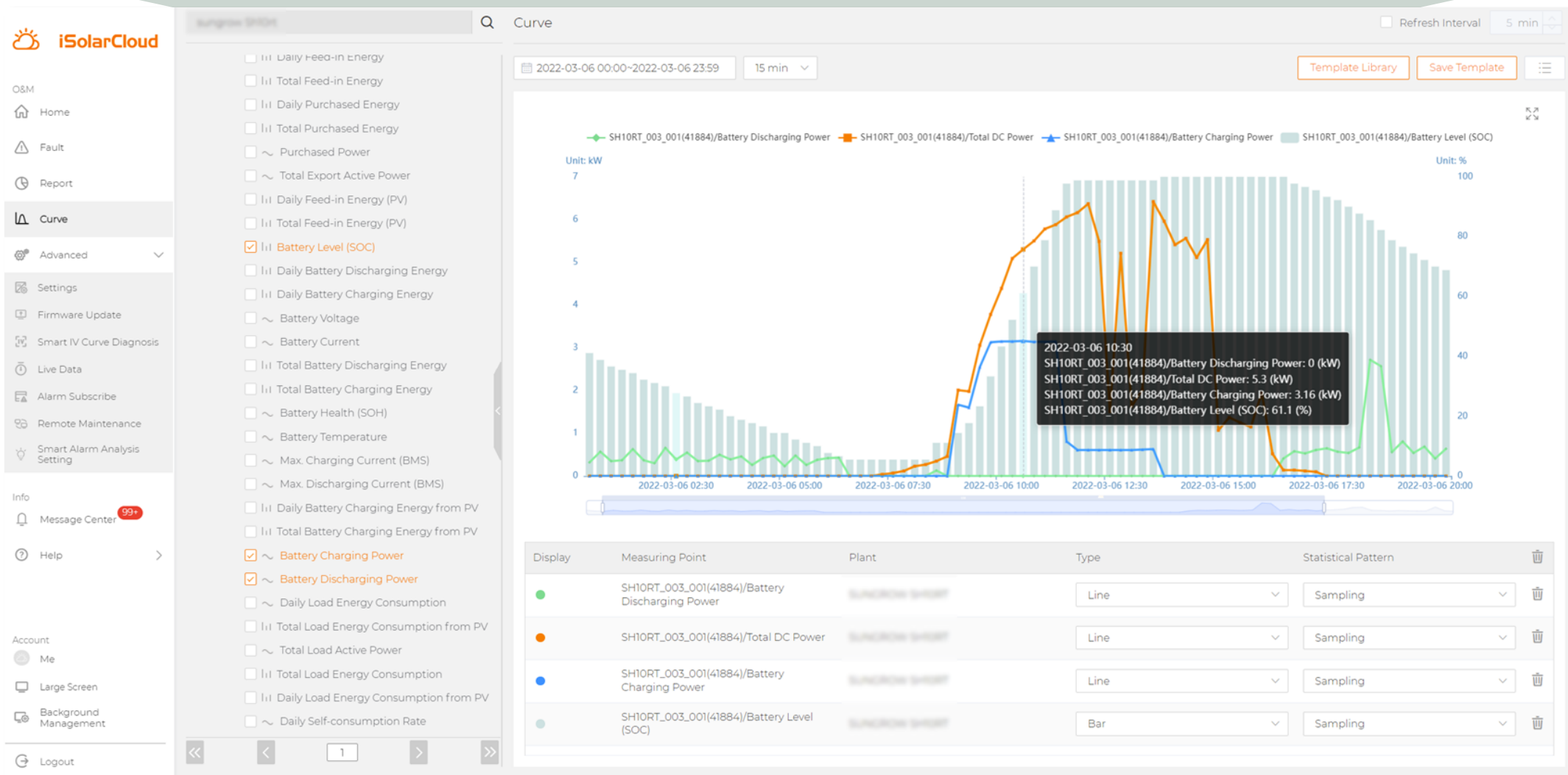
STAY UP TO DATE

iSolarCloud iOS & Android

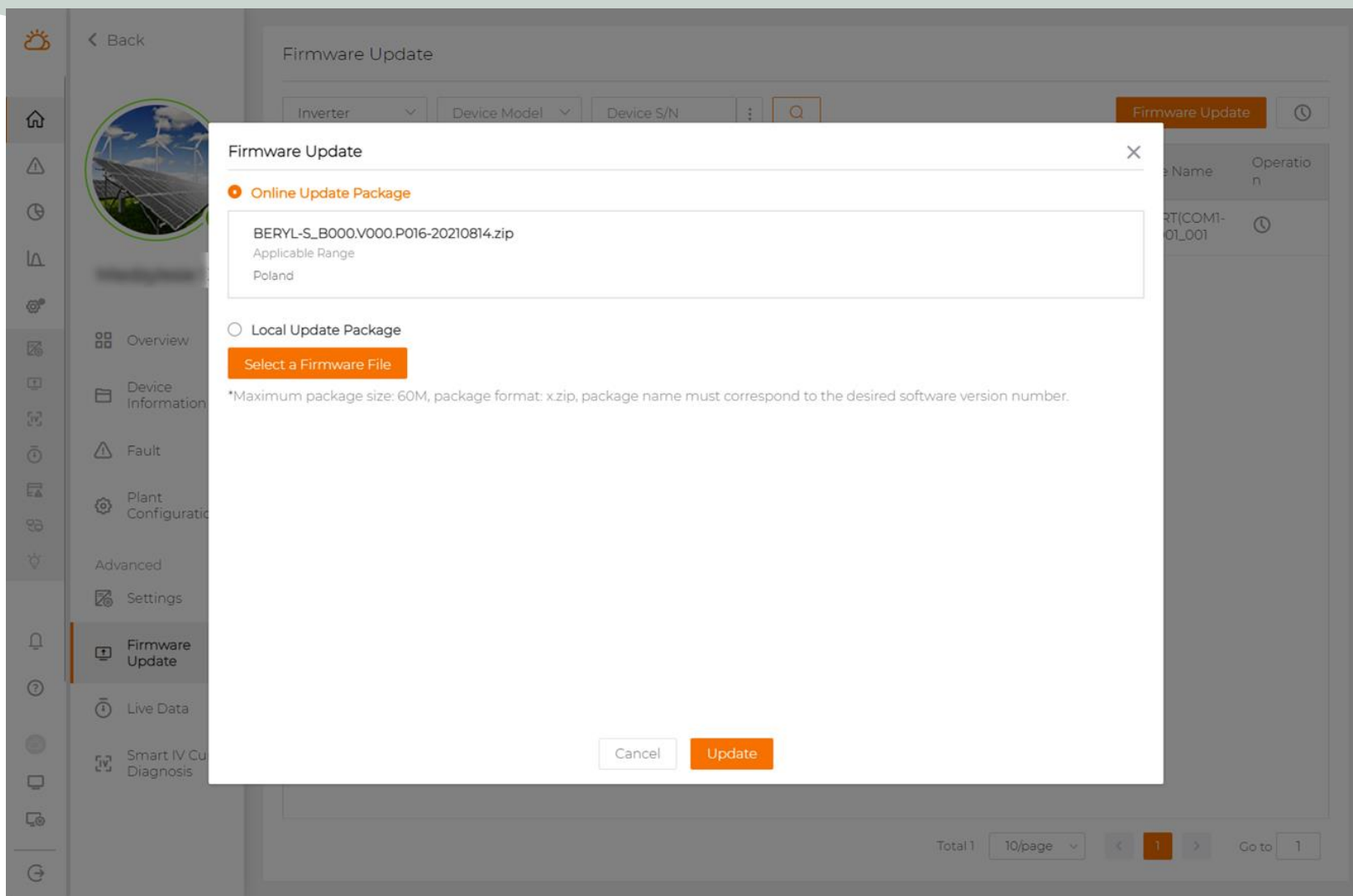
Update to the
latest version!



POWERFUL MONITORING



REMOTE FIRMWARE UPDATE



OUR INVERTERS

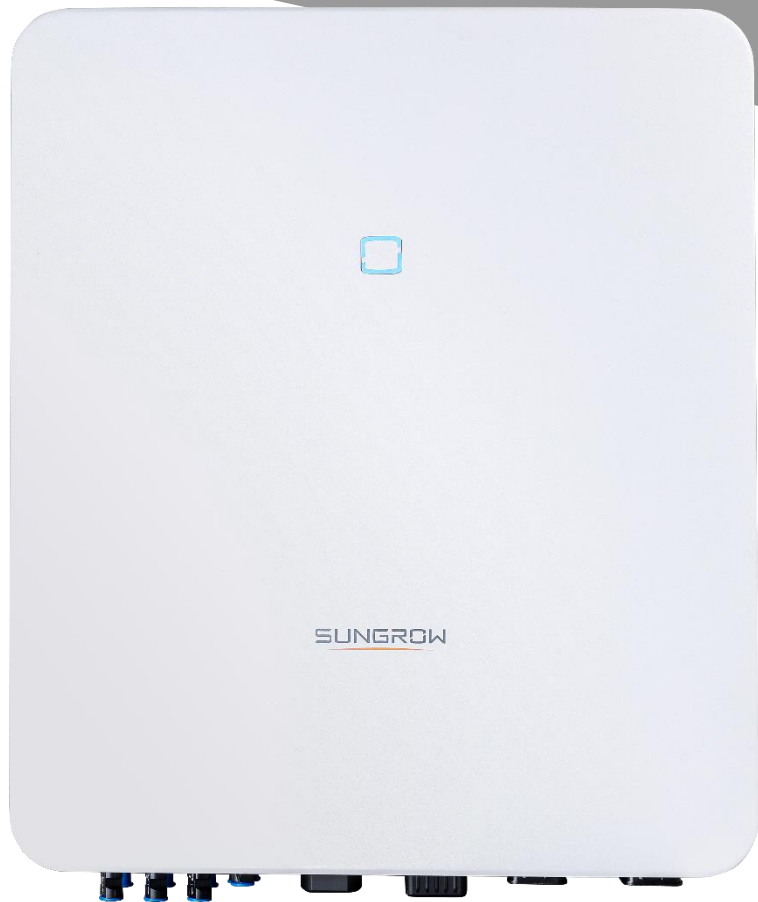


PV INVERTERS

Commissioning via

WLAN
ETHERNET

OUR INVERTERS



HYBRID INVERTERS

Commissioning via

WLAN
ETHERNET

OUR INVERTERS



CX INVERTERS

Commissioning via

BLUETOOTH
WLAN
ETHERNET

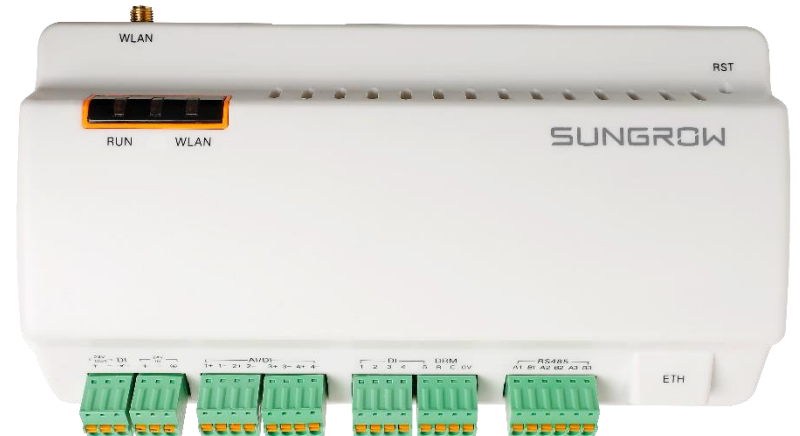
COMMISSIONING HEROES



WINET



EyeM4



Logger1000

iSolarCloud Commissioning 2.0



Web-Browser Commissioning

CONNECT ETH CABLE TO WINET




COMPLETE CABLING ON-SITE



YOUR JOB ON-SITE IS FINIHSED






CREATE PLANT – WEB BROWSER





























O&M

- Home
- Fault
- Report NEW
- Curve
- Advanced
- Settings
- Firmware Update
- Smart IV Curve Diagnosis
- Live Data
- Alarm Subscribe
- Account
 - Me
 - Large Screen
 - Background Management
- Logout


Normal Plant Type Plant Name Device S/N 

 Screening Columns [+ Create Plant](#) 

Plant Image	Plant Status	Plant Name	Plant Type	Installed Power	Real-time Power	Today Yield	Total Yield	Equivalent Hours	Operation
		[Link]	Residential PV	9.9 kWp	0 W	0 kWh	30.4 kWh	0 Hour	 
		[Link]	Residential Storage	13.26 kWp	2.6 kW	1.2 kWh	2.001 MWh	0.09 Hour	 
		[Link]	Residential Storage	10 kWp	0 W	0 kWh	0 kWh	0 Hour	 
		[Link]	Residential PV	3.5 kWp	2.108 kW	0.9 kWh	0.9 kWh	0.26 Hour	 
		[Link]	Residential PV	8 kWp	505 W	0.3 kWh	0.6 kWh	0.04 Hour	 
		[Link]	Residential Storage	10 kWp	518 W	1.7 kWh	4.6 kWh	0.17 Hour	 

Total 16267 10/page  1 2 3 4 ... 1627  Go to 1

CREATE PLANT – WEB BROWSER



O&M

- Home
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- Firmware Update
- Smart IV Curve Diagnosis
- Live Data
- Alarm Subscribe
- Remote Maintenance
- Smart Alarm Analysis Setting

[Back](#) [Create Plant](#) [Create Plants in Batch](#)

Basic Plant Information

* Plant Name <input type="text" value="Sungrow-PV-ESS-demo"/>	* Plant Type <div><div>Please Select</div><div><div>Residential PV</div><div>Residential Storage</div><div>Commercial PV</div><div>Microgrid</div></div></div>	Installed Power(kWp) <input type="text" value="Please Enter"/>
* Country/Region <input type="text" value="Country/Region"/>		
* Grid-connection Type <input type="text" value="Please Select"/>		

Plant Image





Image Upload

CREATE PLANT – WEB BROWSER



O&M


- Home
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- Firmware Update
- Smart IV Curve Diagnosis
- Live Data
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- Remote Maintenance
- Smart Alarm Analysis Setting

[< Back](#) [Create Plant](#) [Create Plants in Batch](#)


Basic Plant Information

* Plant Name	* Plant Type	Installed Power(kWp)
<input type="text" value="Sungrow-PV-ESS-demo"/>	<input type="text" value="Residential Storage"/>	<input type="text" value="10"/>
* Country/Region	* Time Zone	
<input type="text" value="Germany"/>	<input type="text" value="(UTC+01:00)Amsterdam, Berlin, Bern, Ro..."/>	
* Grid-connection Type	Grid-connection Date	
<input type="text" value="Self-Consumption"/>	<input type="text" value="2022-03-07"/>	

Plant Image



CREATE PLANT – WEB BROWSER

 iSolarCloud

O&M

Home

Fault

Report NEW

Curve

Advanced

Settings

Firmware Update

Smart IV Curve Diagnosis

Live Data

Alarm Subscribe

Remote Maintenance

Smart Alarm Analysis Setting

Info

Message Center 99+

Account

Me

Large Screen

< Back

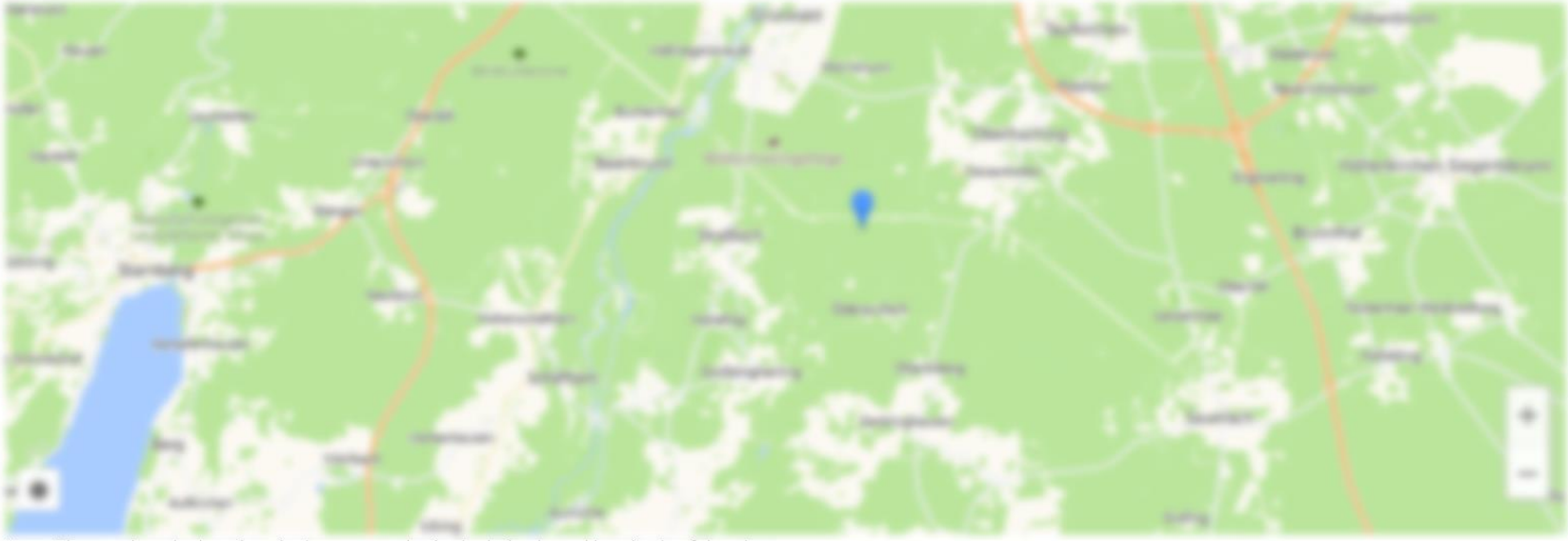
Create Plant

Create Plants in Batch

Plant Location

* Plant Address

Postal Code




Note: Please select the location via the map to obtain the latitude and longitude of the plant.


Longitude


Latitude


CREATE PLANT – WEB BROWSER


 **iSolarCloud**


O&M


 Home


 Fault

 Report NEW

 Curve

 Advanced ▼

 Settings

 Firmware Update

[< Back](#) [Create Plant](#) [Create Plants in Batch](#)

Owner Information


* Owner's Email Address

Enter new owner email address or existed owner email address in iSolarCloud system.
After the site is successfully developed, the system will automatically generate an account for the initial site developer and send an email to both you and the developer. If the developer does not receive the system-generated email, please forward it to them. ^

EUR

▼

CREATE PLANT – WEB BROWSER

 **iSolarCloud**

O&M

Home

Fault

Report NEW

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Live Data

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Message Center 99+

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Large Screen

[< Back](#) [Create Plant](#) Create Plants in Batch

After the site is successfully developed, the system will automatically generate an account for the initial site developer and send an email to both you and the developer. If the developer does not receive the system-generated email, please forward it to them. ^

EUR


Add Communication Device


Select ^ Communication Device S...


+ Add


Identify QR code


Clear



WiNet-S


WiFi


EyeM4




EyeS4


Logger1000


Others

Take a picture into the box to identify the QR code


Ensures just one QR code, and that the code appears both clear and readable on the screen



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SUNGROW

CREATE PLANT – WEB BROWSER

 **iSolarCloud**

O&M

Home

Fault

Report NEW

Curve

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Firmware Update

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Alarm Subscribe

Remote Maintenance

Smart Alarm Analysis Setting

Info

Message Center 99+

Account

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Large Screen

[< Back](#) [Create Plant](#) [Create Plants in Batch](#)

After the site is successfully developed, the system will automatically generate an account for the initial site developer and send an email to both you and the developer. If the developer does not receive the system-generated email, please forward it to them. ^

EUR

Add Communication Device

WiN... B2162502330


+ Add

Identify QR code


Clear

Drag the picture into the box to identify the QR code

When taking a photo, please ensure that each image contains just one QR code, and that the code appears both clear and readable on the screen



✗




✓

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SUNGROW

CREATE PLANT – WEB BROWSER

[< Back](#)



Sungrow-PV-ESS-demo

- Overview
- Device Information
- Fault
- Plant Configuration

Device S/N

Device Name

Device Type

Device Status

Q

+ Add Device

SH6.0RS(COM1-001)_0...

Energy Storage System

Total Active Power

0 W

Total DC Power

0 W

Communication Device S/N














B2162502330


WiNet-S_001_247


Communication Module

WLAN Signal Strength

CREATE PLANT – WEB BROWSER



 Back



Sungrow-PV-ESS-demo

Overview

Device Information

Fault

Plant Configuration

Advanced

Settings

Firmware Update

Live Data

Smart IV Curve Diagnosis

Settings

Energy Stora...

Device Model

Country/Regi...




Device S/N

Q

Initial Grid Connection

Common Parameter Settings

Task List

<input checked="" type="checkbox"/>	Plant Name	Device Name	Initial Grid	Device S/N	Device Model	Country/Region	Grid Type	Version No.	Device Interval	Operation
<input checked="" type="checkbox"/>	Sungrow-PV-ESS-demo	SH6.0RS(COM1-001)_001_001	Not Set	A2170302944	SH6.0RS	Not Set	--	--	Sungrow-PV-ESS-demo	  

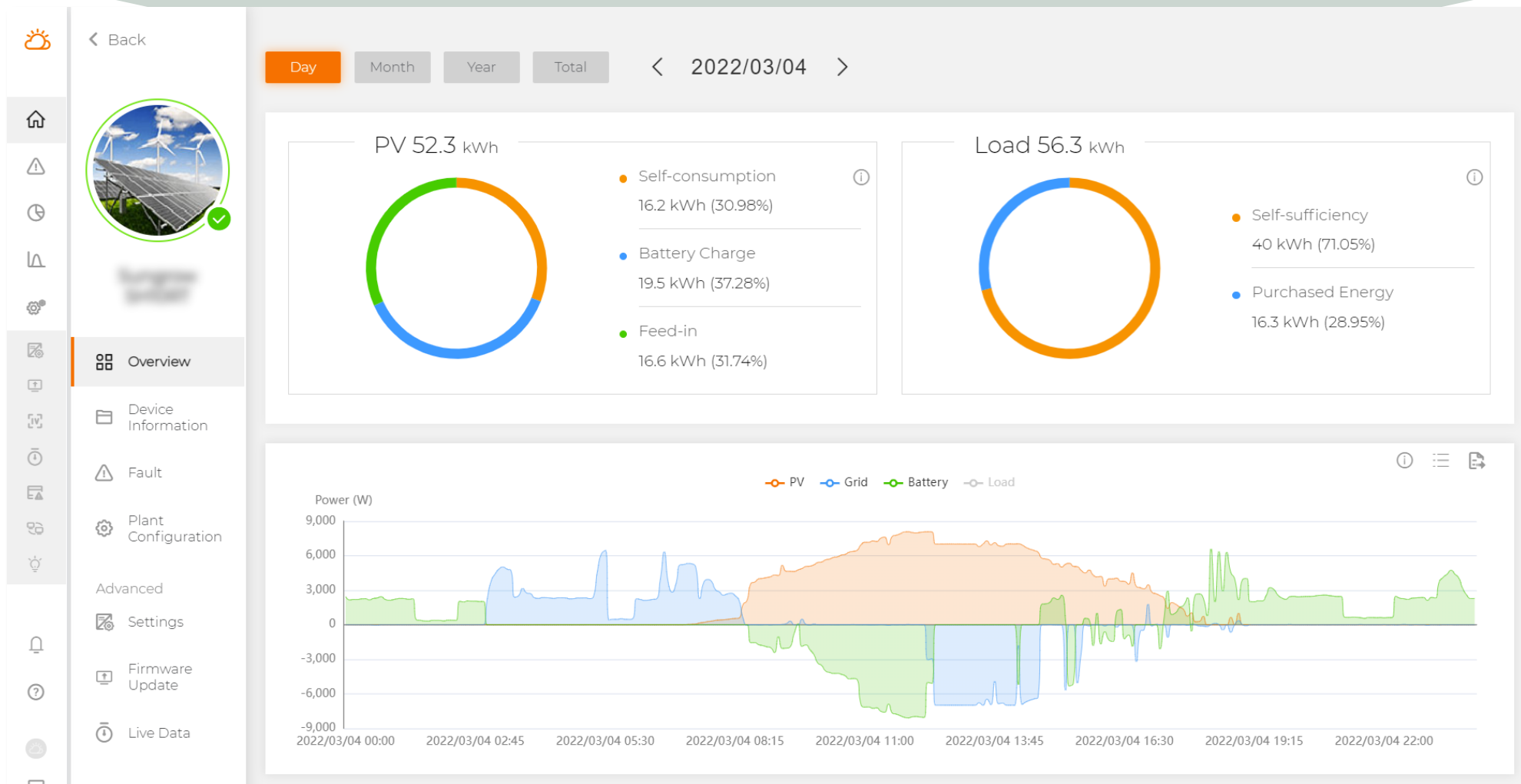
CREATE PLANT – WEB BROWSER

Initial Grid Connection

No.	Parameter Name	Numerical Term	Data Range (min.)	Data Range (max.)	Degree of accuracy	Unit	Remarks
1	Country/Region	<div>Germany</div>	--	--	--	--	--
2	Installed PV Power	<div>10</div>	0	300	0.01	kWp	--
3	Feed-in Limitation	<div>Enable</div>	--	--	--	--	--
3-1	Feed-in Limitation Value	<div>6</div>	0	6	0.01	kW	--
3-2	Feed-in Limitation Ratio	<div>100</div>	0	100	0.1	%	--
4	Rated Power of Original Power Generation Systems	<div></div>	0	300	0.01	kW	--
5	Reactive Power Regulation Mode	<div>Close</div>	--	--	--	--	--
6	Backup Mode	<div>Disable</div>	--	--	--	--	--

Apply Settings

PLANT CREATED



COMMISSIONING MADE EASY



MINIMIZING ON-SITE TIME

Only cabling is required on site

ONLY NEED THE SN

Works also with a picture of the Communication Device

DEVICE INITIALIZATION

All parameters set remotely

iSolarCloud Commissioning 2.0

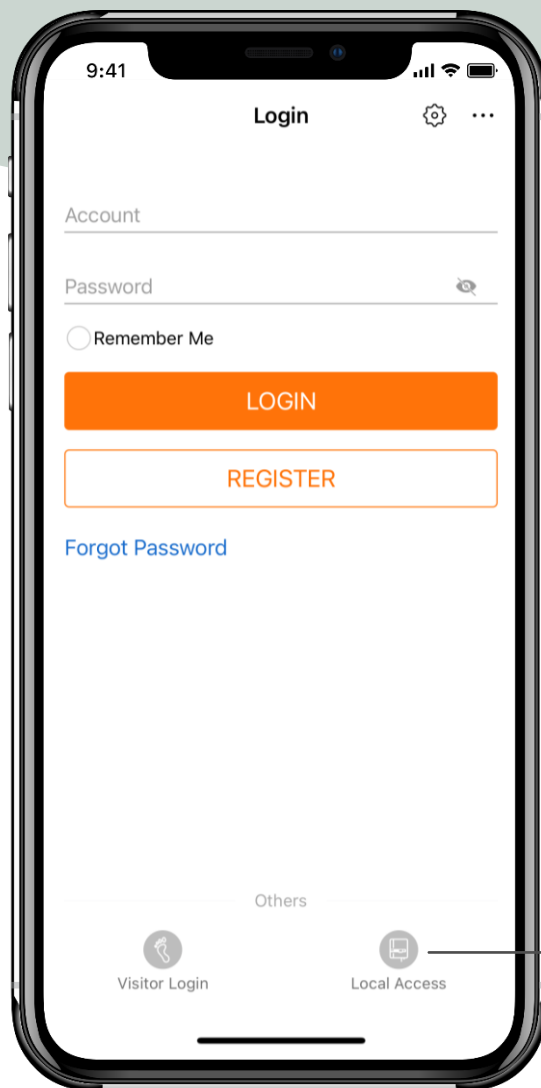


APP Commissioning – On Site

COMMISSIONING ALSO VIA APP

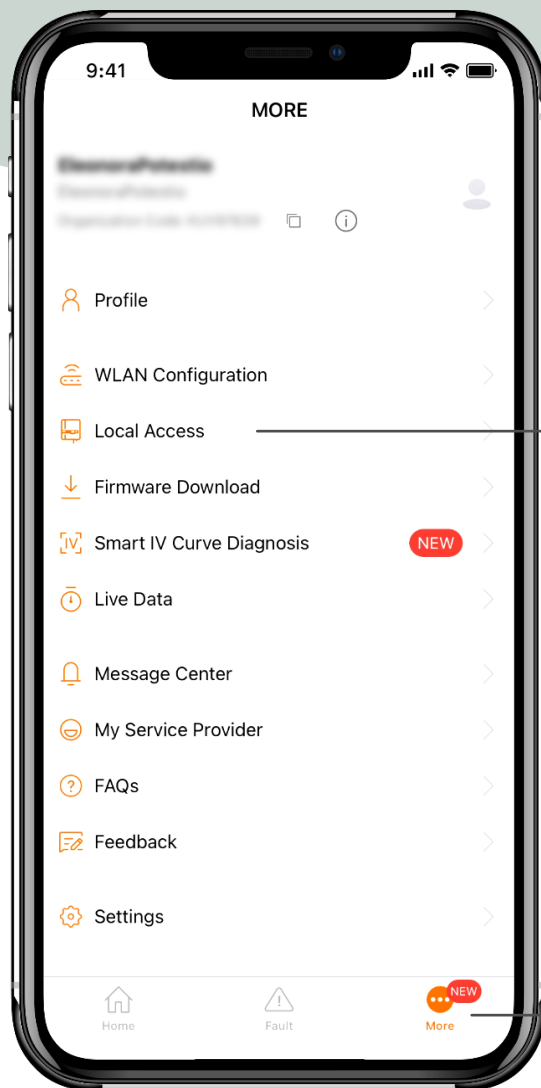


LOCAL ACCESS – MODE 1



Local Access

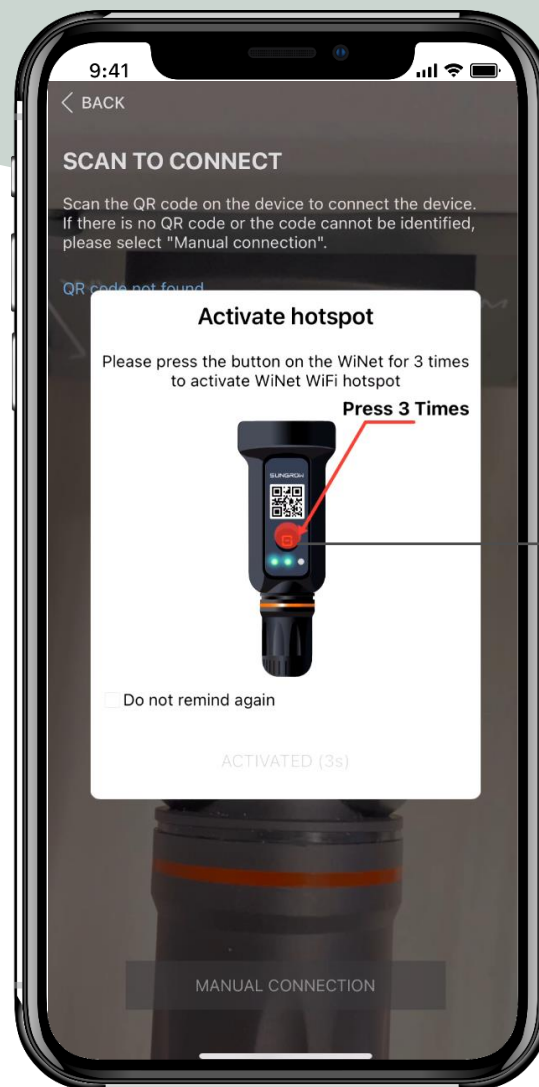
LOCAL ACCESS – MODE 2



Local Access

More

LOCAL ACCESS



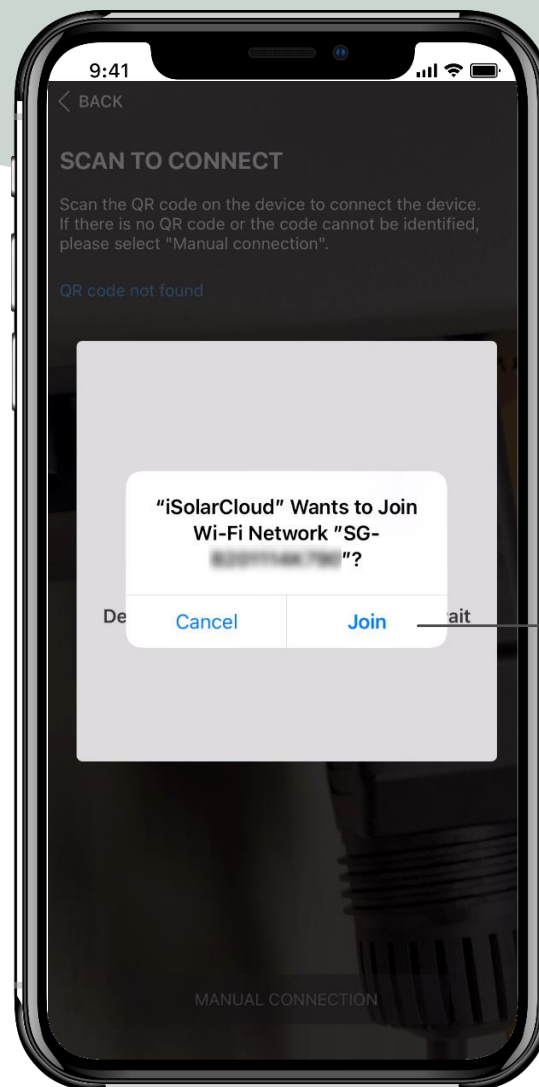
Activate
Hotspot Mode

COMMISSIONING ALSO VIA APP



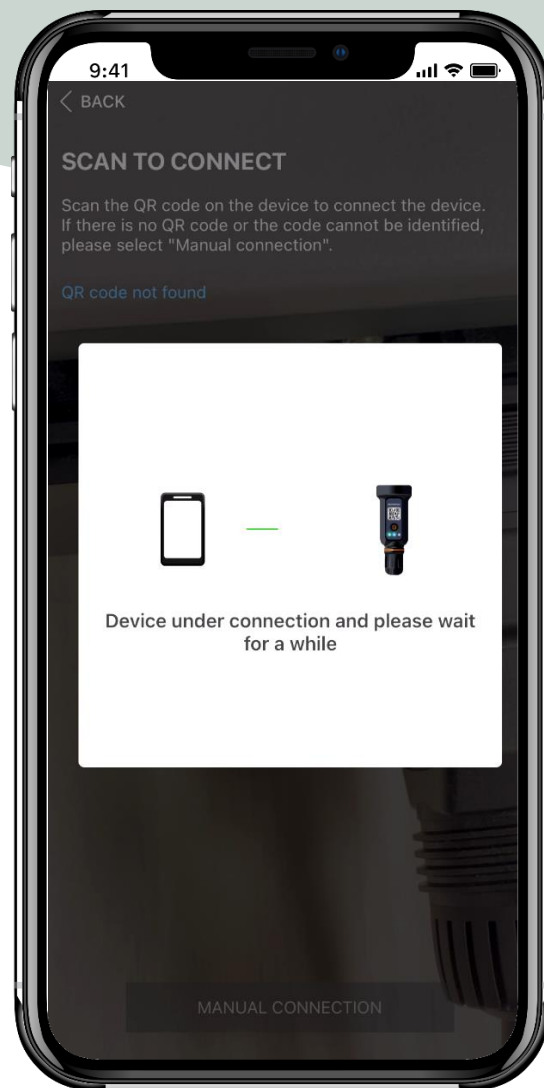
SEAMLESS CONNECTION

Automatically joins
hotspot network
with a prompt

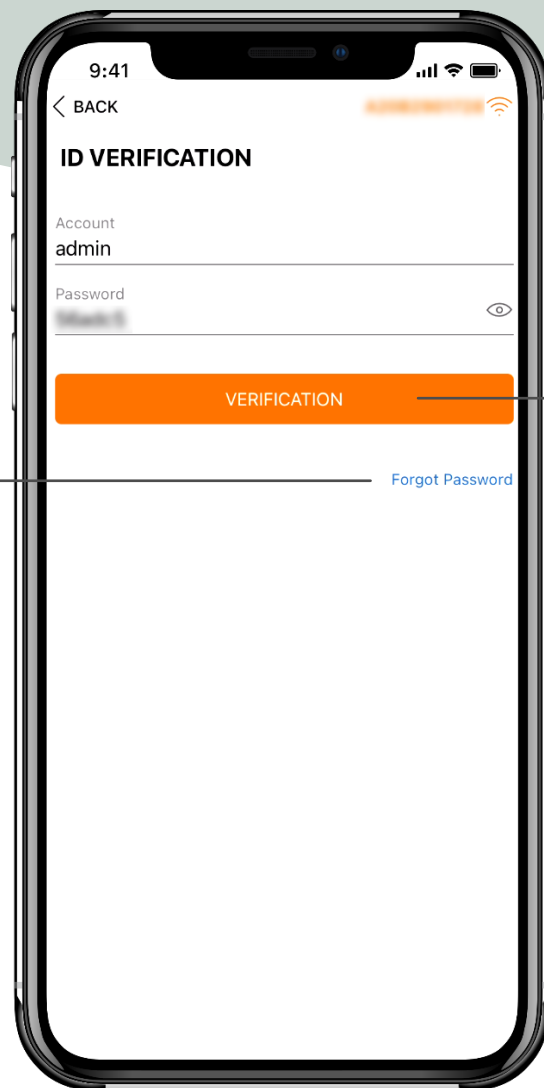


Join Hotspot

SEAMLESS CONNECTION



SEAMLESS CONNECTION

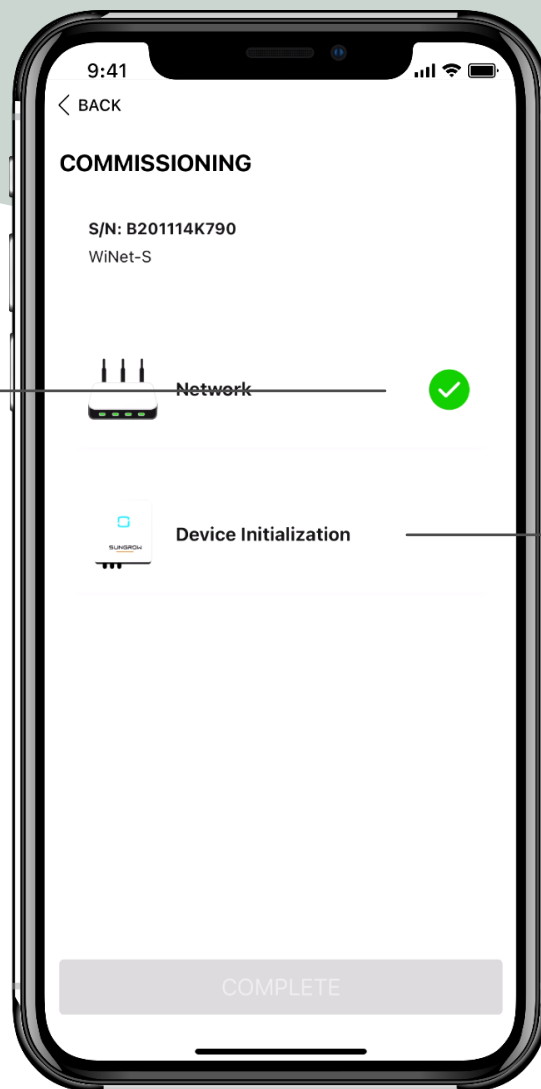


Change Local
Access Password

Join with
admin/pw8888

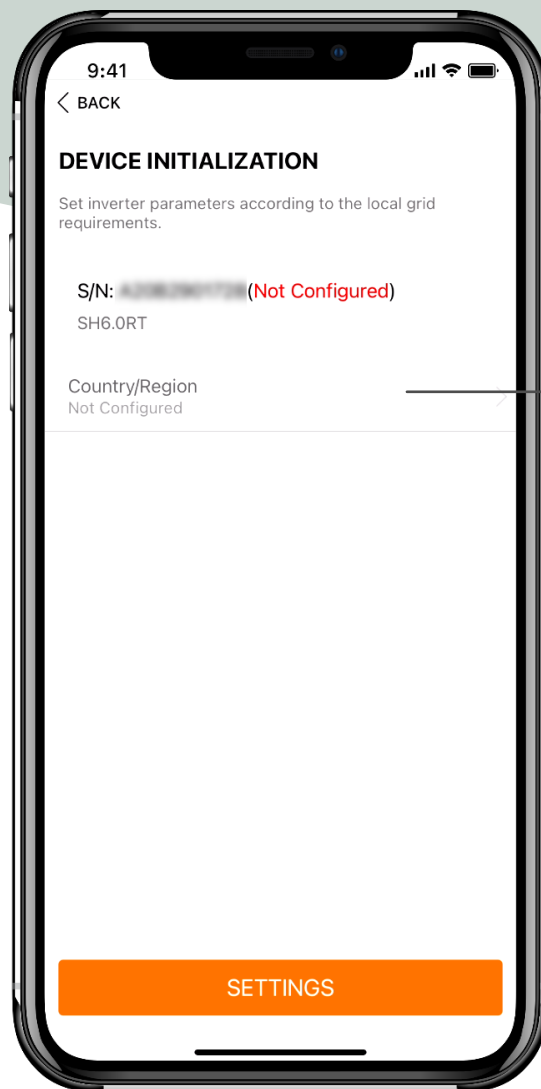
DEVICE INITIALIZATION

Already connected
to ETH Network



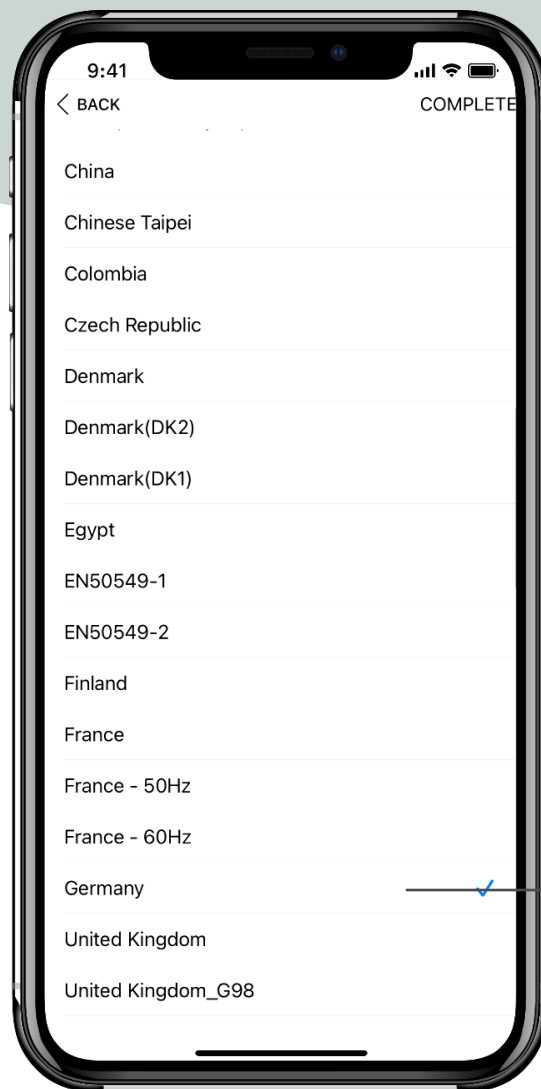
Grid Code
Connection

DEVICE INITIALIZATION



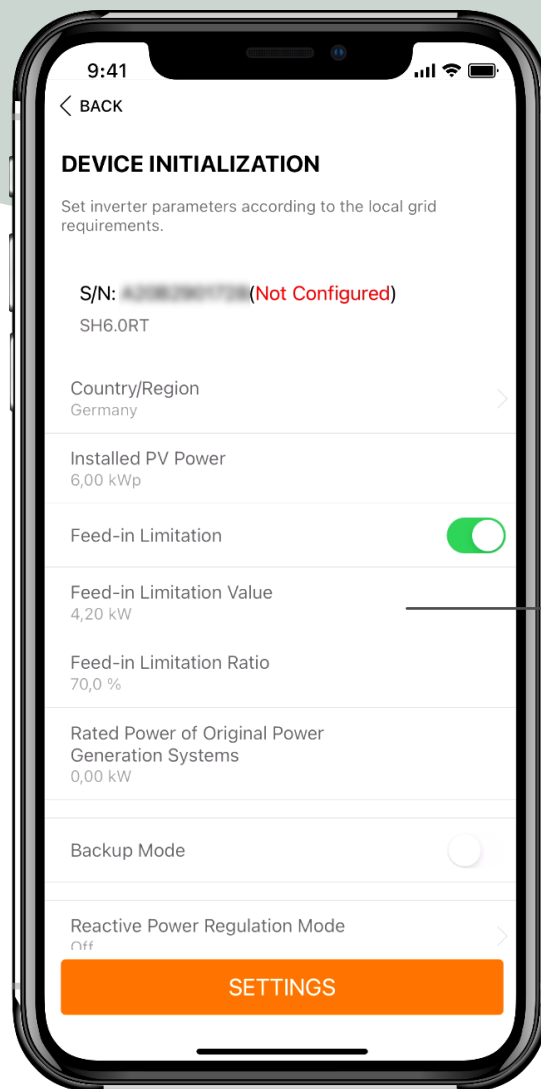
Select Country

DEVICE INITIALIZATION



Select Country

DEVICE INITIALIZATION



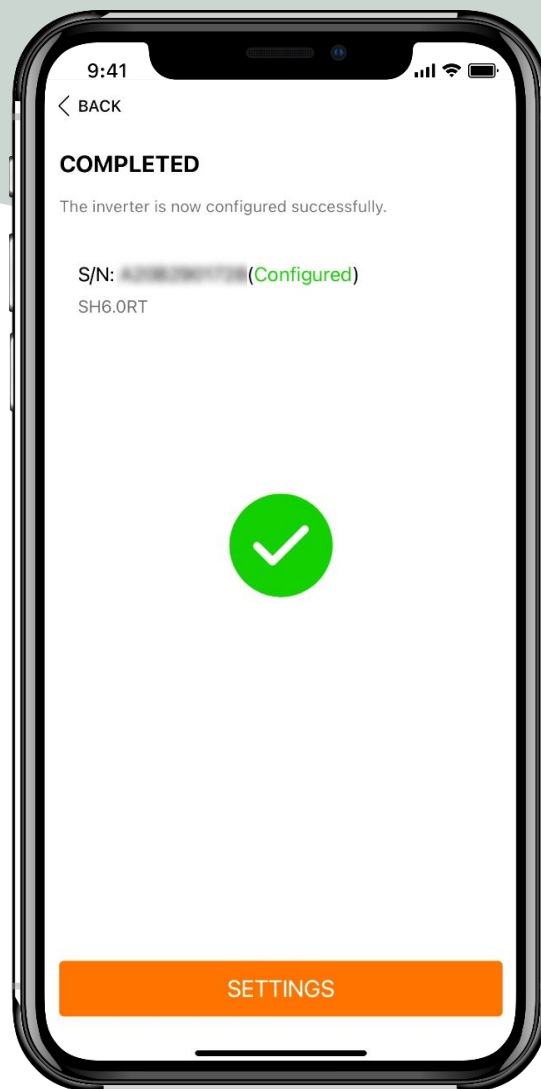
Set Feed-in
Limitation

DEVICE INITIALIZATION

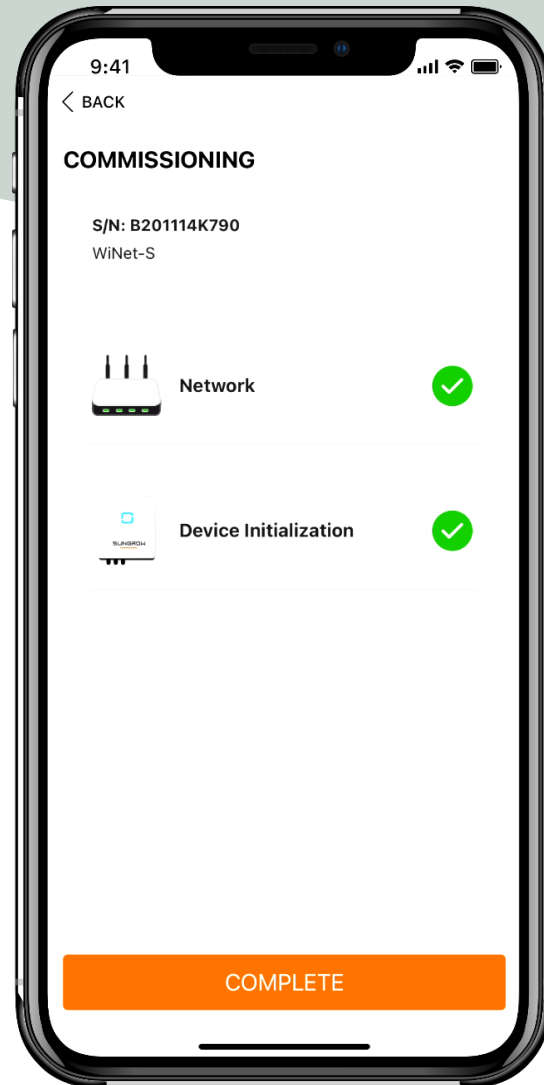


Activate
Backup Mode

DEVICE INITIALIZATION



COMMISSIONING DONE



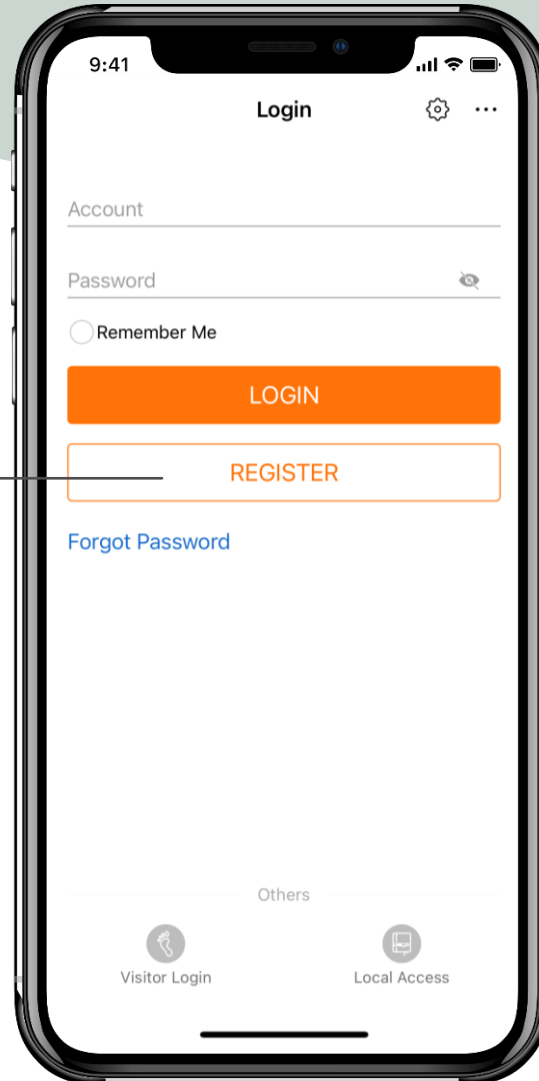
iSolarCloud Commissioning 2.0



APP Commissioning – Remote

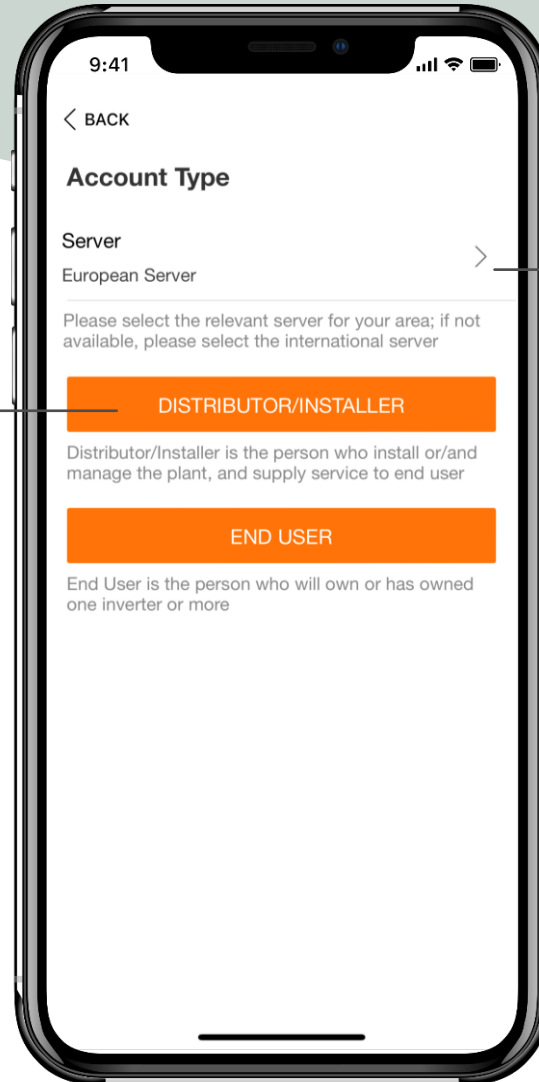
iSolarCloud ACCOUNT CREATION

Create account



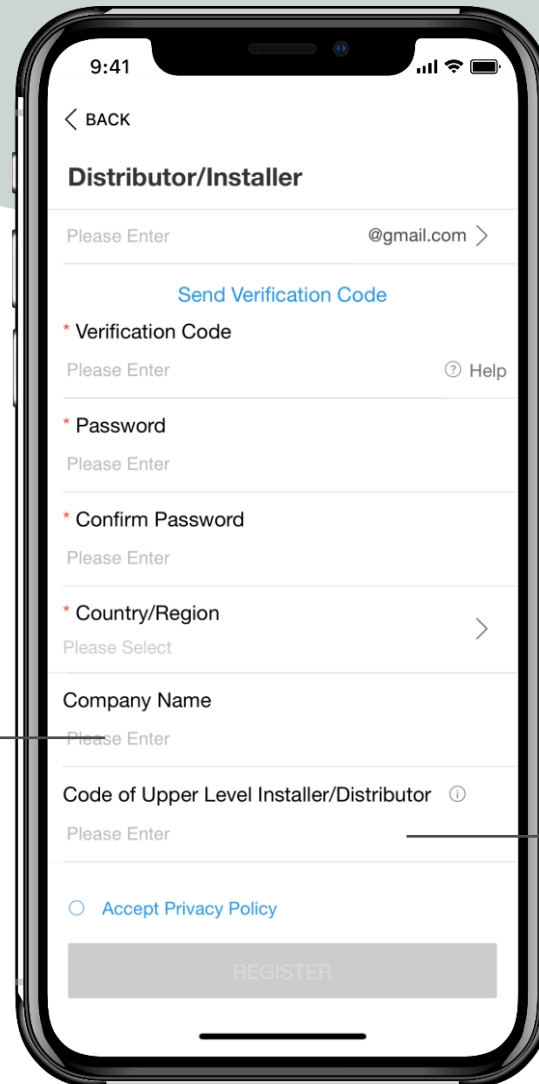
iSolarCloud ACCOUNT CREATION

Account type



Choose server

iSolarCloud ACCOUNT CREATION



The image shows a smartphone screen with the iSolarCloud account creation form. The form is titled "Distributor/Installer" and includes the following fields and options:

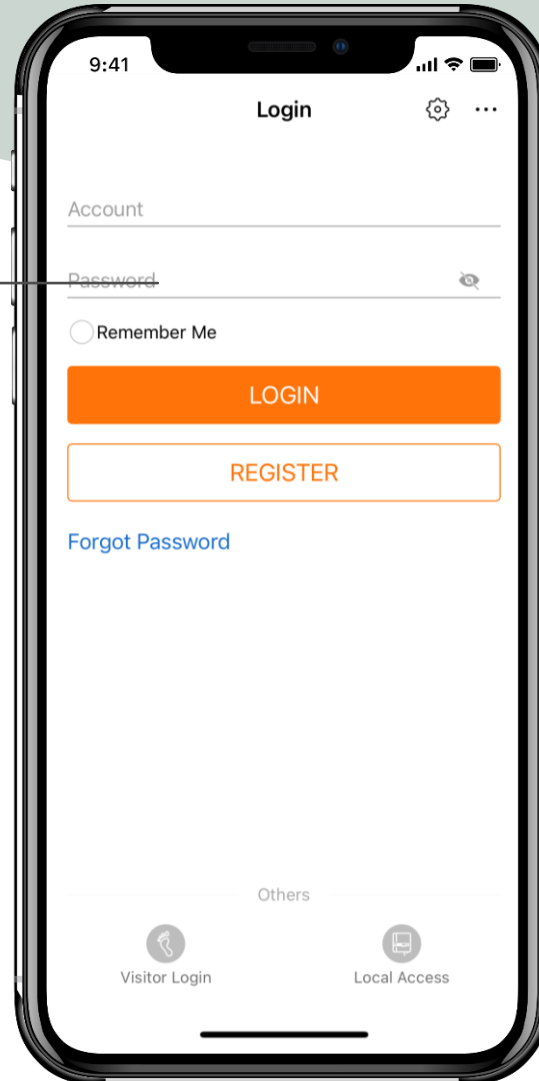
- BACK**: A back arrow icon.
- Distributor/Installer**: The title of the form.
- Email**: A text input field with a placeholder "Please Enter" and a suffix "@gmail.com >".
- Send Verification Code**: A blue link.
- * Verification Code**: A text input field with a placeholder "Please Enter" and a "Help" link.
- * Password**: A text input field with a placeholder "Please Enter".
- * Confirm Password**: A text input field with a placeholder "Please Enter".
- * Country/Region**: A text input field with a placeholder "Please Select" and a right arrow icon.
- Company Name**: A text input field with a placeholder "Please Enter".
- Code of Upper Level Installer/Distributor**: A text input field with a placeholder "Please Enter" and an information icon.
- Accept Privacy Policy**: A radio button and a link.
- REGISTER**: A grey button at the bottom.

Company name

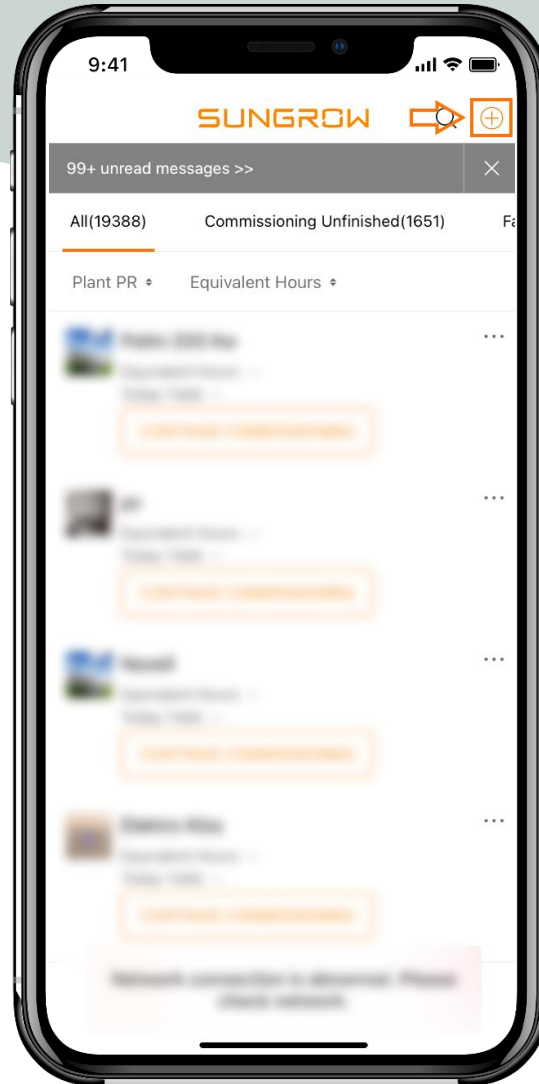
Company Code

iSolarCloud ACCOUNT CREATION

Login with
credentials



PLANT CREATION - REMOTE



New Plant

PLANT CREATION - REMOTE

9:41

< BACK

CREATE PLANT

• Plant Name
Please Enter

• Plant Type
Please Select ⓘ >

• Installed PV Power (kWp)
Please Enter

• Country/Region
Germany >

• Time Zone
[Blurred] >

• Plant Address
[Blurred] ⓘ

• Grid-connection Type
Please Select >

Grid-connected Date
2022-01-14 ⓘ

NEXT

Plant Name

PLANT CREATION - REMOTE

9:41

< BACK

CREATE PLANT

* Plant Name
Eleonora

* Plant Type
Please Select

* Installed PV Power (kWp)
Please Enter

* Country/Region
Germany

* Time Zone
GMT+1
Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna

* Plant Address
[Address field with location icon]

CANCEL CONFIRM

Residential PV
Residential Storage
Commercial PV
Microcogeneration

Plant Type

PLANT CREATION - REMOTE

9:41

< BACK

CREATE PLANT

* Plant Name
Eleonora

* Plant Type
Residential Storage ⓘ >

Battery Type
Please Select

Battery Capacity
Please Enter

* Installed PV Power (kWp)
Please Enter

* Country/Region
Germany >

* Time Zone
GMT+1

CANCEL CONFIRM

Please Select

Lithium Battery

Lead-Acid Battery

Battery Type

COMMISSIONING – PLANT INFO

Capacity kWh

Battery Type

9:41

< BACK

CREATE PLANT

* Plant Name
Eleonora

* Plant Type
Residential Storage ⓘ >

Battery Type
Please Select →

Battery Capacity
Please Enter

* Installed PV Power (kWp)
Please Enter

* Country/Region
Germany >

* Time Zone
GMT+1

CANCEL CONFIRM

Please Select

Lithium Battery

Lead-Acid Battery

PLANT CREATION - REMOTE

9:41

< BACK

CREATE PLANT

• Plant Name
Eleonora

• Plant Type
Residential Storage ⓘ >

Battery Type
Please Select >

Battery Capacity
Please Enter

• Installed PV Power (kWp)
Please Enter

• Country/Region
Germany >

Complete

1	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
,	0	⌫

Installed Power

PLANT CREATION - REMOTE

100% Feed-in
Self-consumption
Zero-Export
Off-grid

9:41

< BACK

• Installed PV Power (kWp)
6

• Country/Region
Germany

• Time Zone
GMT+1
Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna

• Plant Address
Pelagicore AG, Balanstraße 55, Munich, Bavaria 81541, Germany

• Grid-connection Type
Please Select

Grid-connected Date
2022-01-14

CANCEL CONFIRM

100% Feed-in
Self-Consumption
Zero Export
OFF-GRID

Connection type

COMMISSIONING – PLANT INFO

9:41

< BACK

• Plant Address

Pelagicore AG, Balanstraße 55, Munich, Bavaria
81541, Germany

• Grid-connection Type

Self-Consumption

Grid-connected Date

2022-01-14

• Owner's Email Address

Please Enter 0/100

Enter new owner email address or existed owner email address in iSolarCloud system. ▾

Complete

Si Non Ho

Q W E R T Y U I O P

A S D F G H J K L

↑ Z X C V B N M

123 😊 spazio @ . fine

Owner Email

PLANT CREATION - REMOTE

9:41

< BACK

* Grid-connection Type
Self-Consumption >

Grid-connected Date
2022-01-14 >

* Owner's Email Address
[Redacted]

Enter new owner email address or existed owner email address in iSolarCloud system. ✓

Postal Code
Please Enter

Plant Image
+

Feed-in Tariff (EUR/kWh)
Please Enter

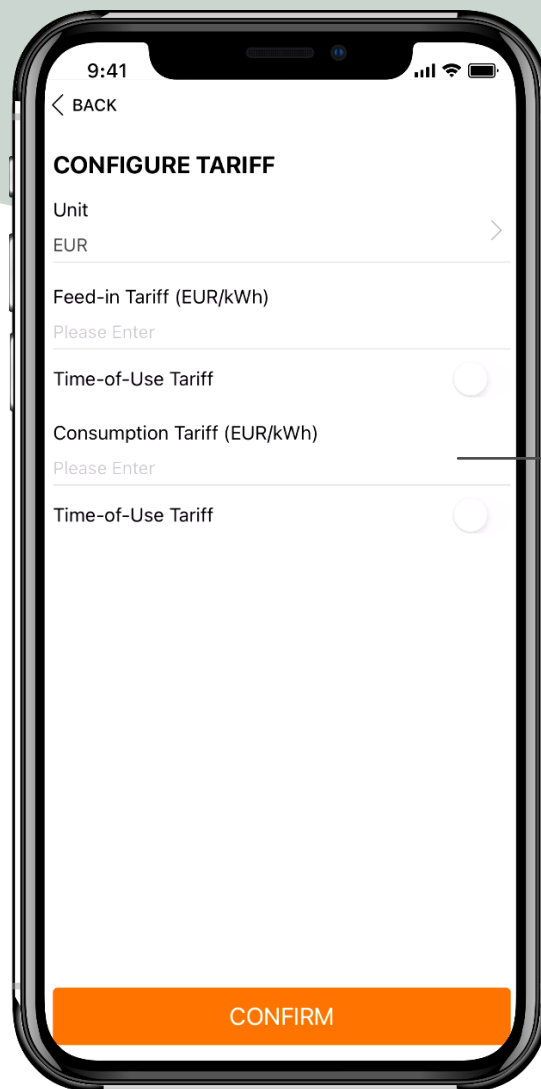
[More Configurations](#)

How to duplicate the plant information with one click >

NEXT

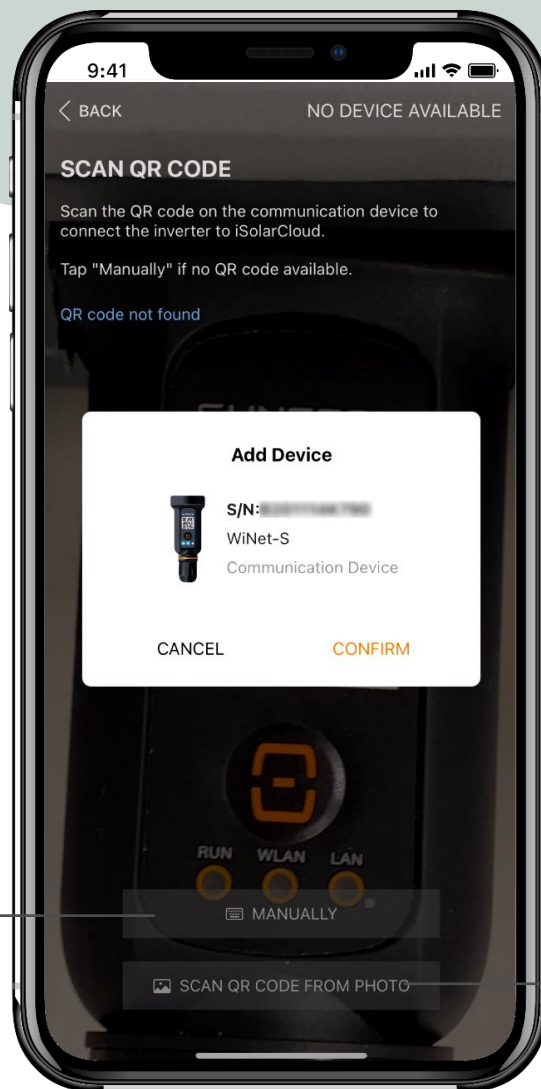
Feed-in Tariff

PLANT CREATION - REMOTE



Consumption Tariff

COMMISSIONING – PLANT INFO



Insert SN manually

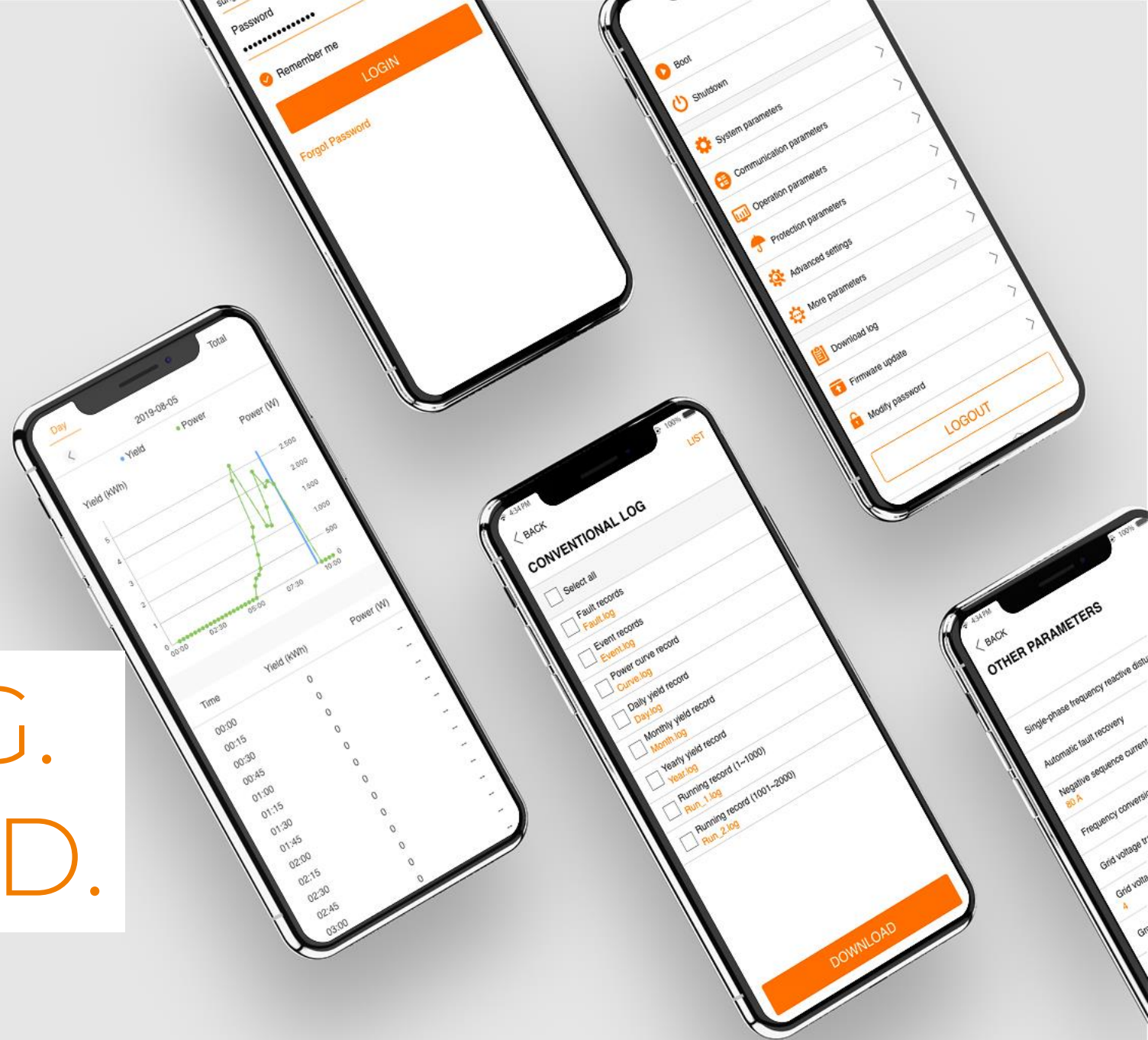
Or from picture

AUTOMATICALLY CLAIMED SN





SUPERIOR
MONITORING.
HIGHER YIELD.



FEEDBACK FROM A SUNGROW INSTALLER



TIME FOR QUESTIONS

