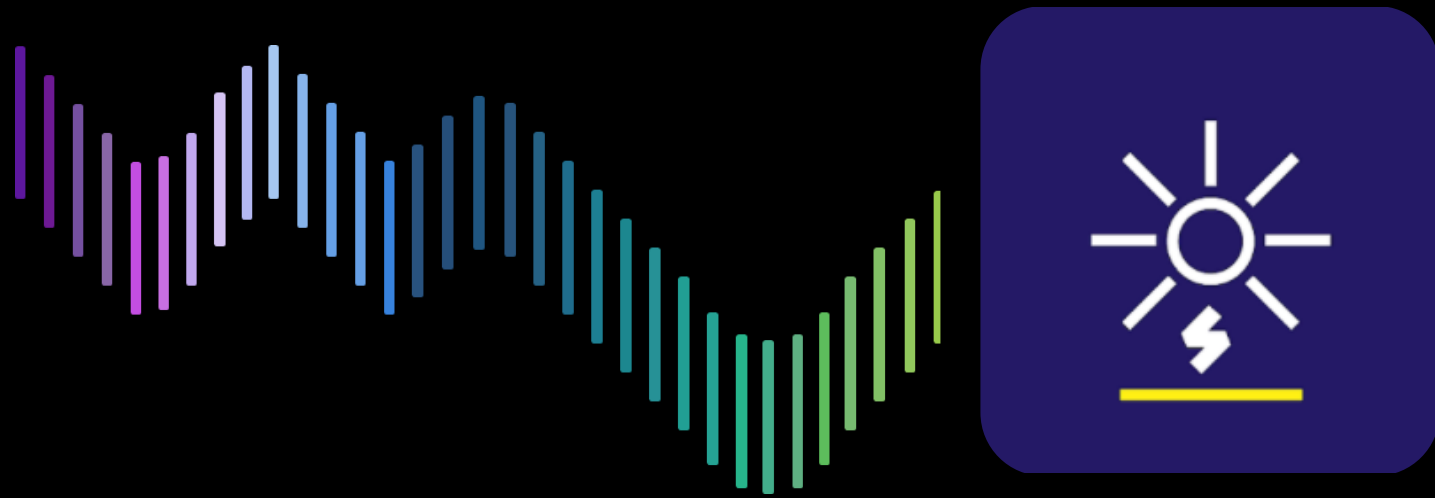


Aurora Vision



Energy Viewer

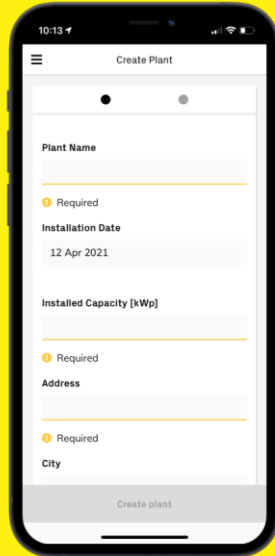
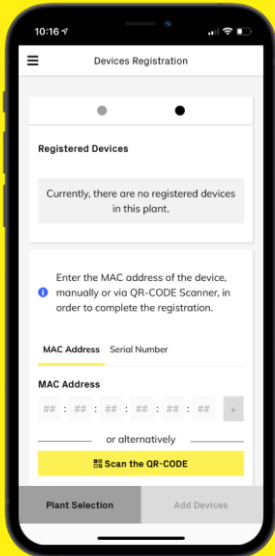
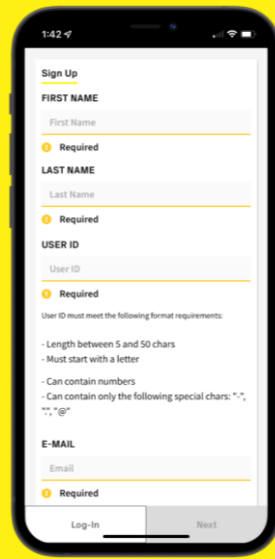
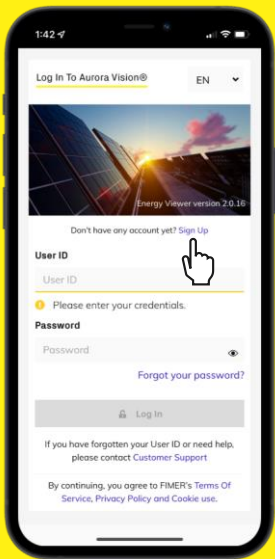
The habit of monitoring comes to your home

Sign-Up, Log-In, Monitor!



Self-Registration & Plant-Registration

Energy Viewer allows the end user to Sign-up to Aurora Vision, thus obtaining a valid account, and subsequently register their plant and devices in complete autonomy. These two processes can be carried out at any time, independently of each other, and enable the end user to exclusively and remotely monitor their photovoltaic plants.



Sign-Up to Aurora Vision

Click on Sign-up in the Log-In page and enter the requested information; once your account is validated you can login to Aurora Vision via Energy Viewer or web portal. If you need help, scan the QR-Code on the right.



Register Plant & Devices

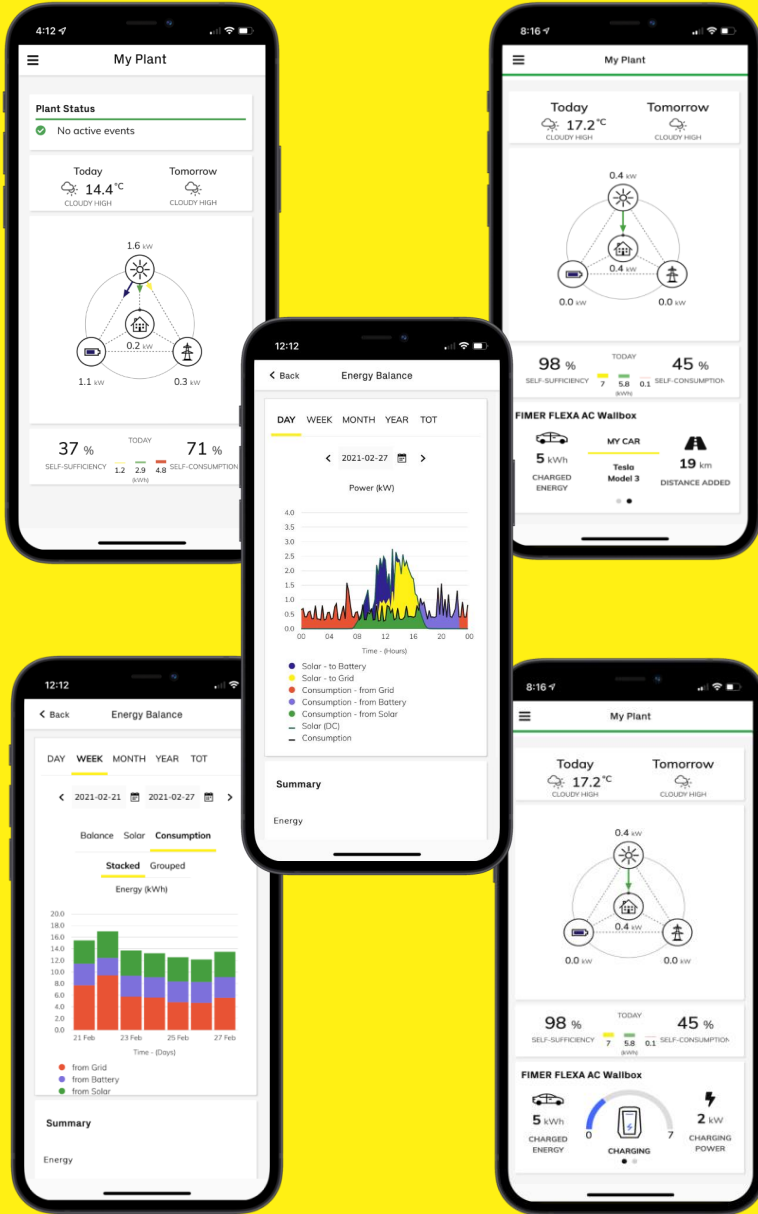
At the first login you will be prompted with the plant registration wizard. Follow the wizard and... all done! Now you have an account with Site Owner privilege role and you can remotely monitor your solar plant. If you need help, scan the QR-Code on the right.





Energy Viewer Overview

A smart product that allows solar power plant owners to easily and remotely monitor their system's output and home's consumption, keeping their energy use and savings in check, with or without an energy storage system installed.



Dynamically Adaptable

Energy Viewer dynamically adapts to the physical configuration of your plant: inverters, meters, storage, charging stations!



E-Mobility Integration

Thanks to the compatibility with FIMER FLEXA AC Wallbox you can configure and manage your e-Car, thus remotely monitor charging process and trends



Comprehensive Monitoring

Always keep an eye on your home's consumption, thanks to dedicated dashboards and KPIs



In-App Notifications

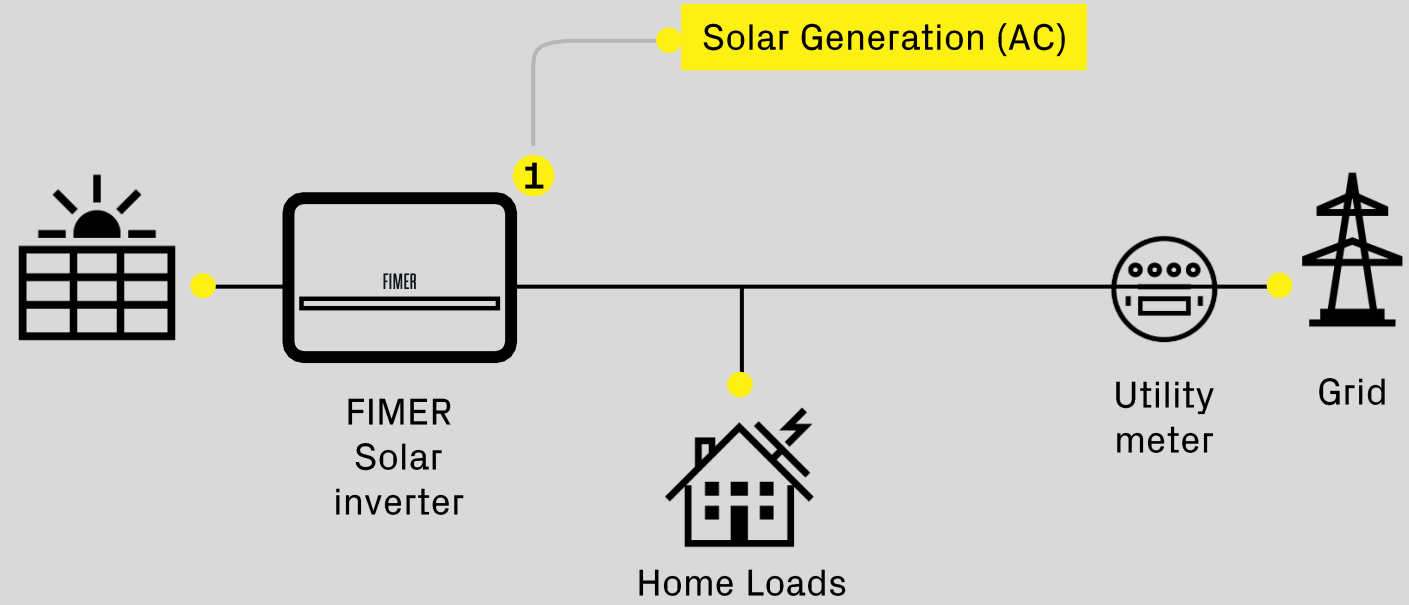
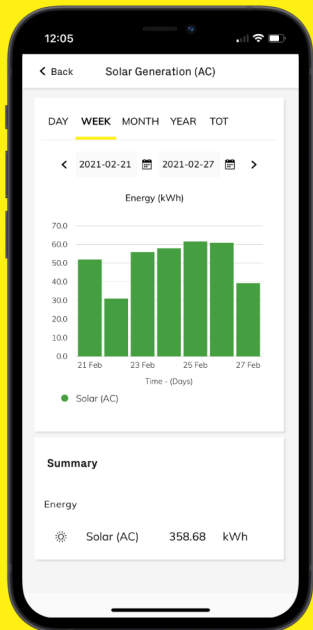
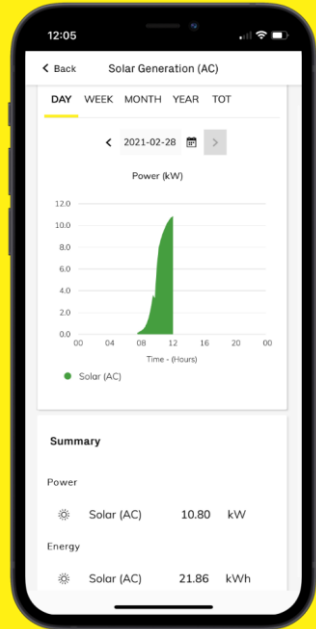
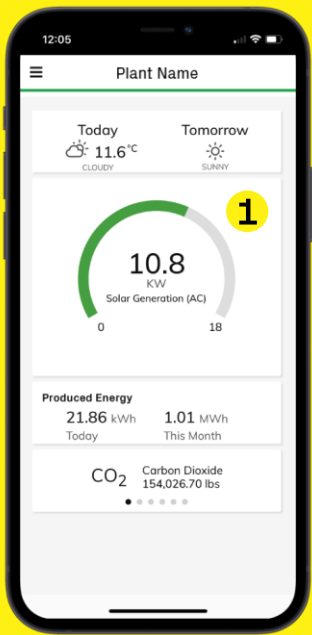
Plant in-app status notification for monitoring active and closed events, and remote firmware updates



Basic Configuration

Dynamic adaptation based on physical plant configuration

One or more FIMER inverters installed, allow the user to remotely monitor the main production telemetries. In case of multiple inverters registered under the same plant, Energy Viewer will show a plant-level aggregate of the telemetries.



--- Communication Path
— Current Path

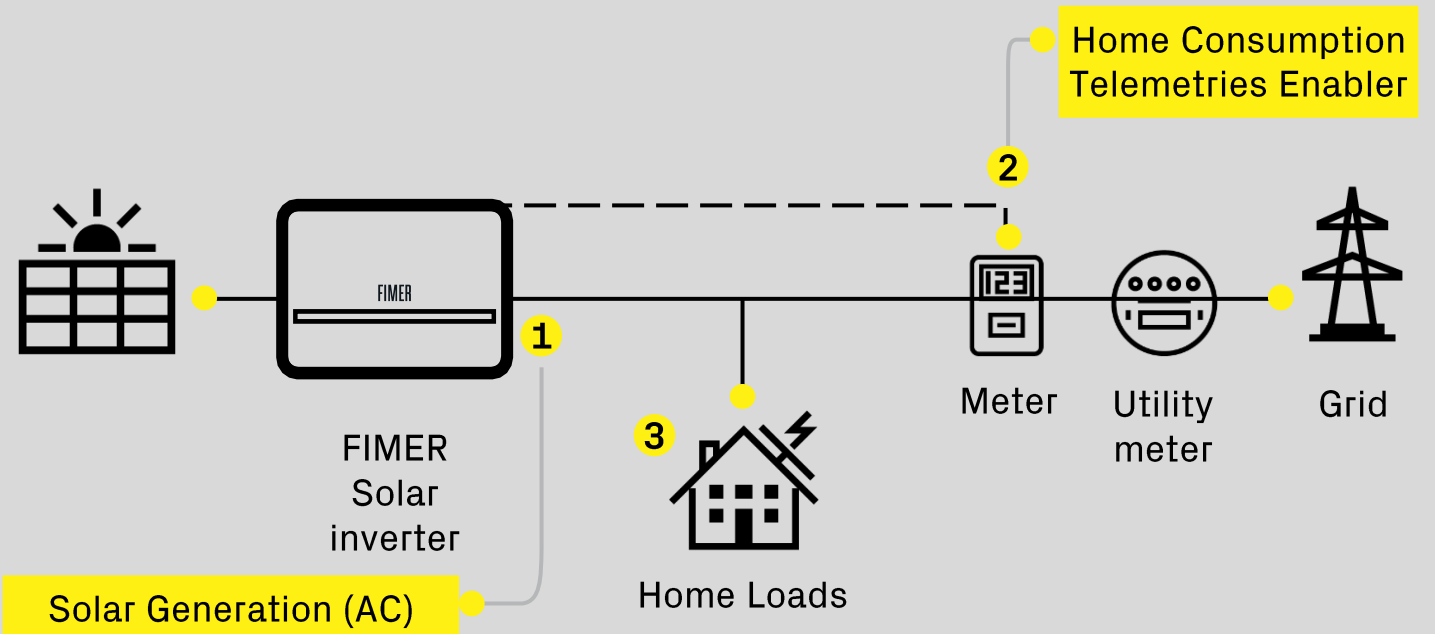
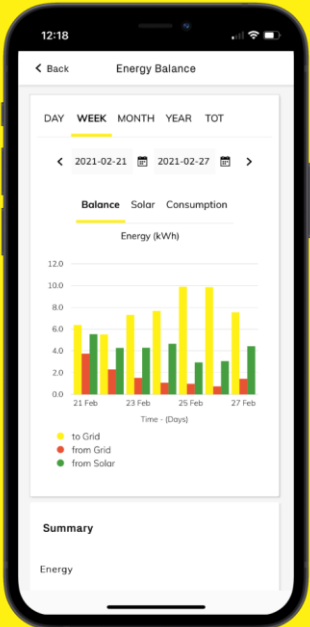
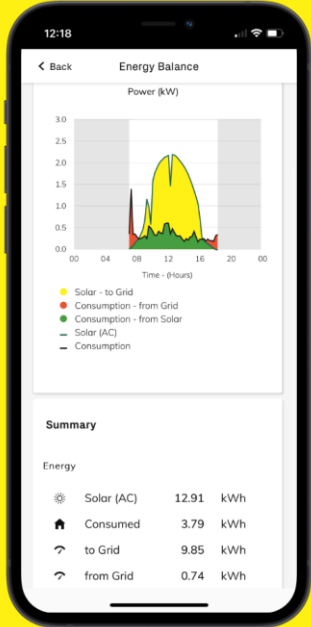
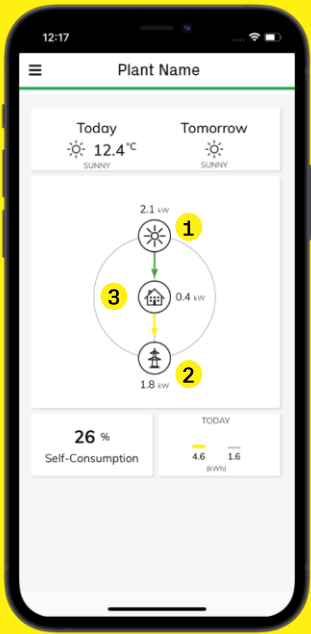




Limited Configuration

Dynamic adaptation based on physical plant configuration

One or more FIMER inverters and compatible* meter(s), allow the user to remotely monitor the main production and home-consumption telemetries. The configuration is limited to monitoring during the daylight because the inverter logic switches off at night, thus not sending data to Aurora Vision.



--- Communication Path
— Current Path

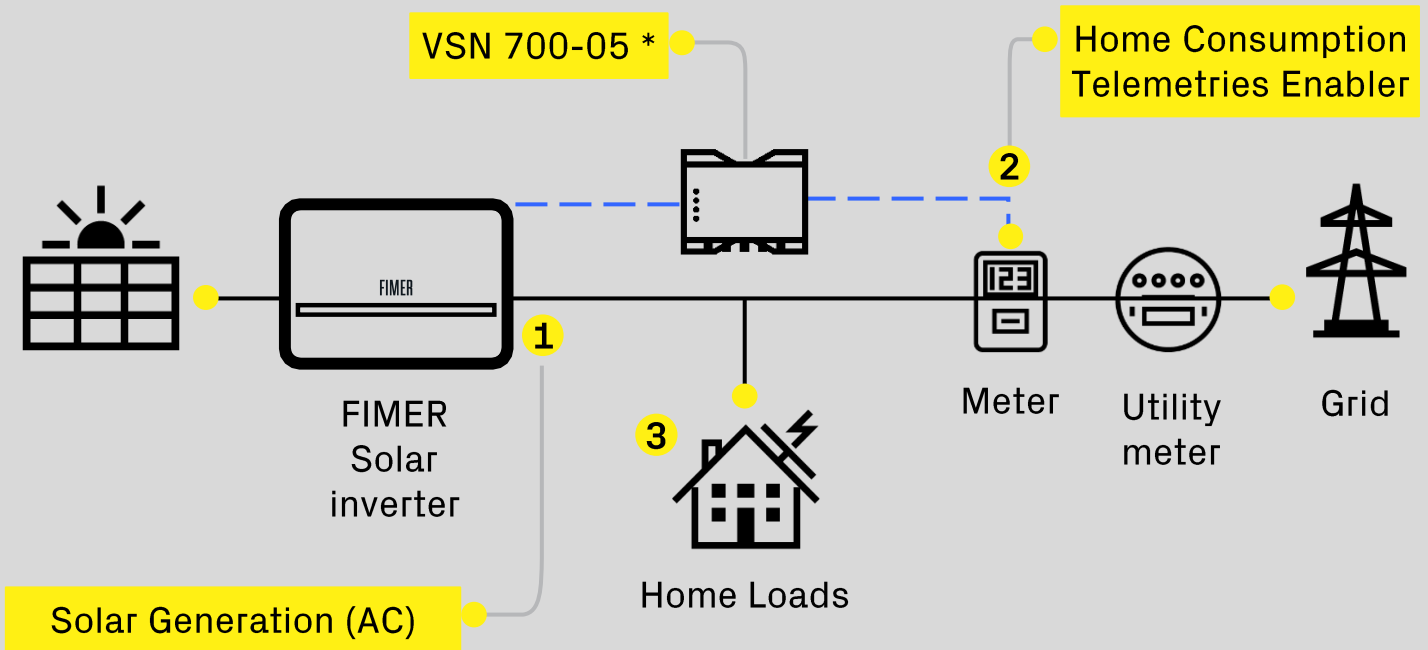
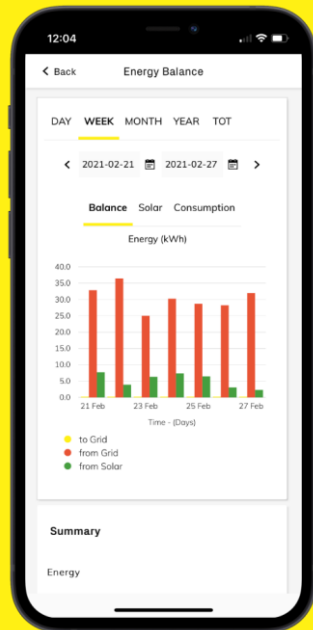
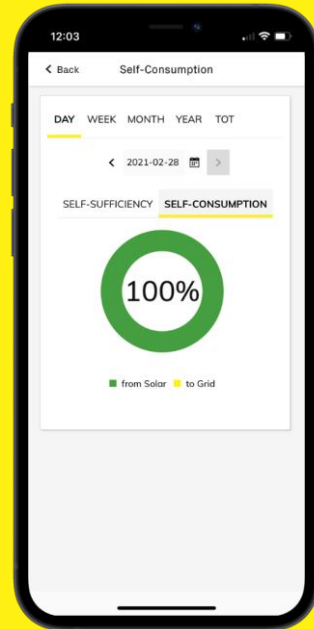
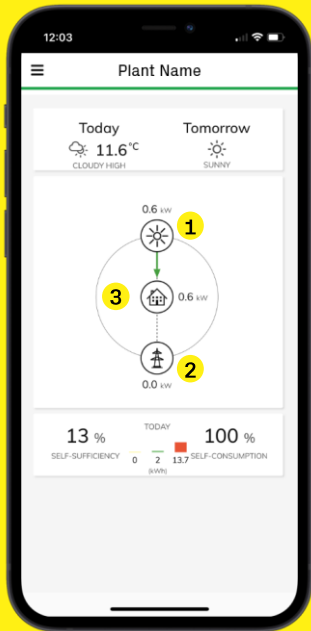
* List available at: https://www.fimer.com/sites/default/files/FIMER_Meters_supported_by_FIMER_EN_Rev.B.pdf



Standard Configuration

Dynamic adaptation based on physical plant configuration

One or more FIMER inverters and compatible* meter(s), allow the user to remotely monitor the main production and home-consumption telemetries. The configuration allows monitoring 24/24h because the inverter logic is always on.



--- Communication Path
 — Current Path

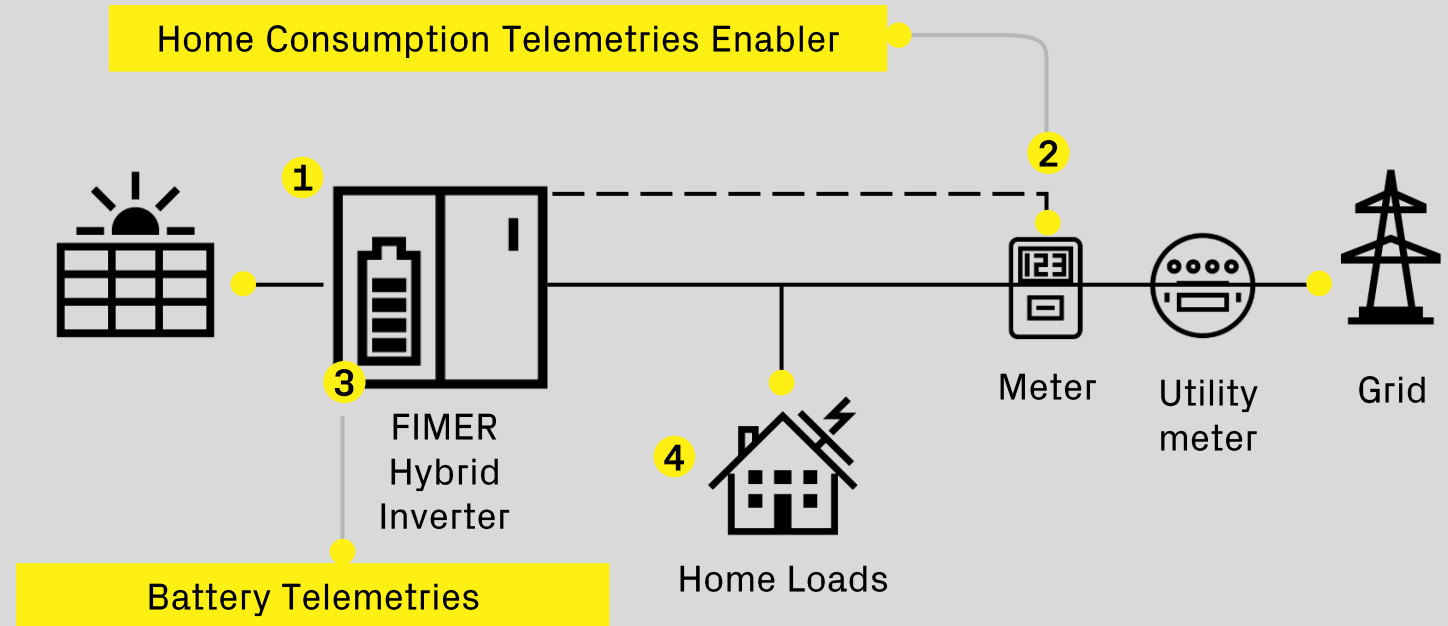
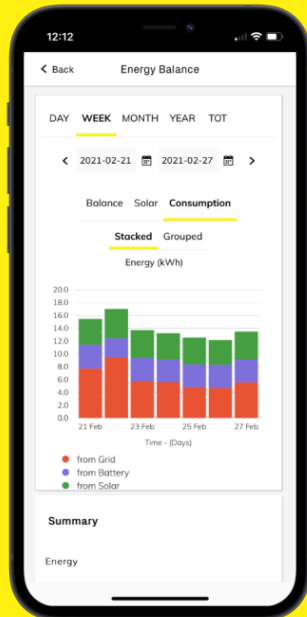
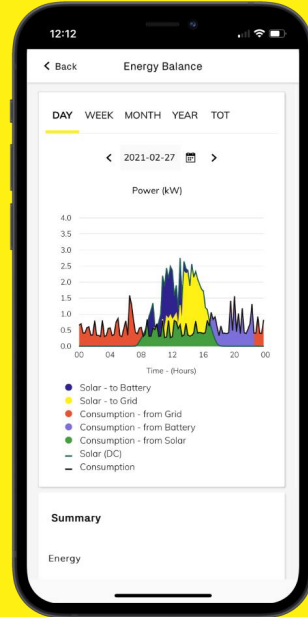
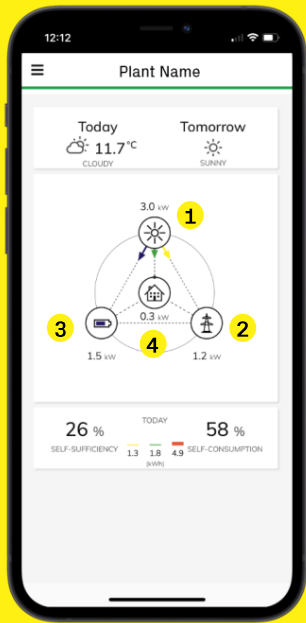
* VSN 700-05 additional and non-mandatory accessory for remote monitoring. Designed only for commercial scale systems and for monitoring telemetries 24/24 in case of inverters with logic that turns off at night.



Full Configuration

Dynamic adaptation based on physical plant configuration

One or more FIMER inverters, compatible* meter(s) and ESS (*Energy Storage System*) allow the user to remotely monitor all the available telemetries. The configuration allows monitoring 24/24h because the inverter logic is always on.



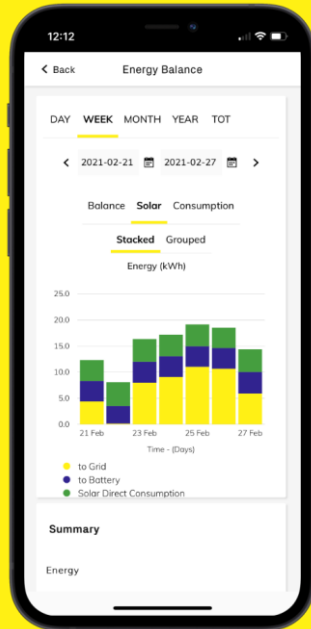
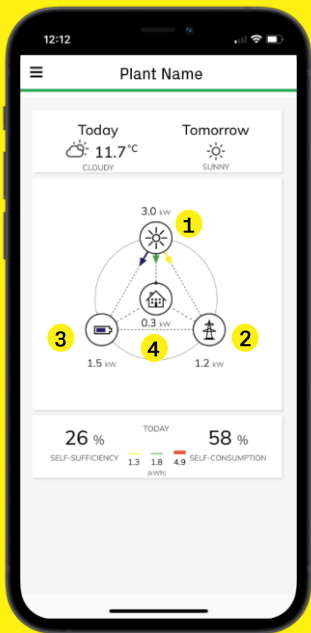
--- Communication Path
 ——— Current Path

* List available at:
https://www.fimer.com/sites/default/files/FIMER_Meters_supported_by_FIMER_EN_Rev.B.pdf

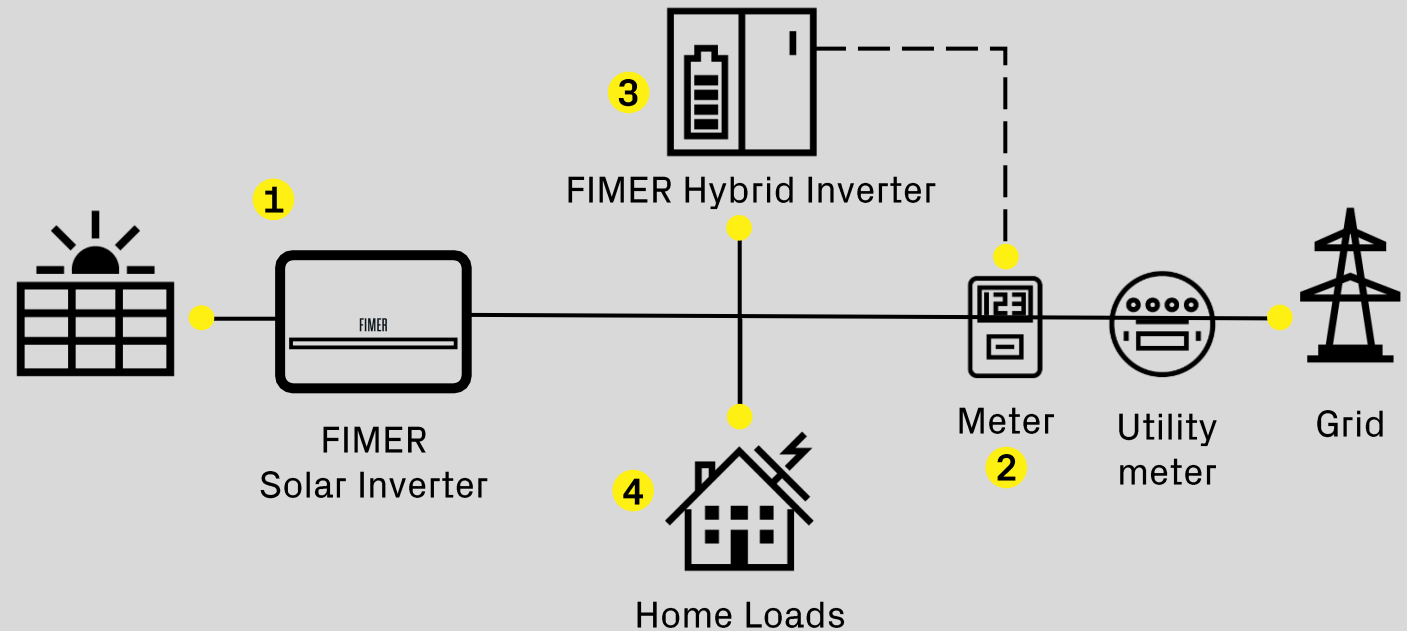


DC/AC Coupling Configuration

Dynamic adaptation based on physical plant configuration



One or more FIMER inverters on DC Coupling, a FIMER inverter compatible with AC Coupling and ESS (*Energy Storage System*) management, compatible* meter(s) allow the user to remotely monitor all the available telemetries.

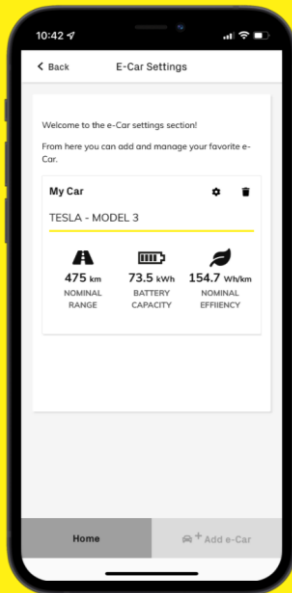
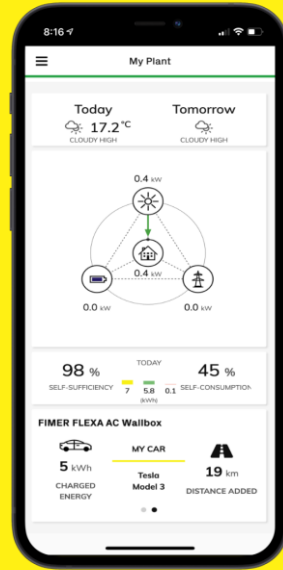
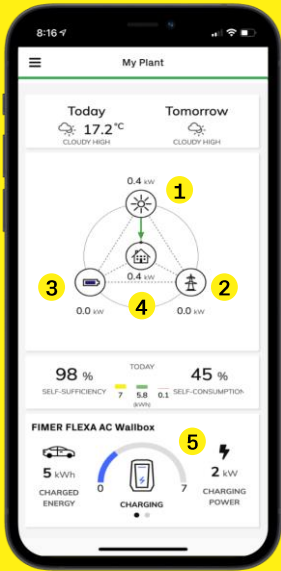


* List available at:

https://www.fimer.com/sites/default/files/FIMER_Meters%20supported%20by%20FIMER_EN_Rev.B.pdf

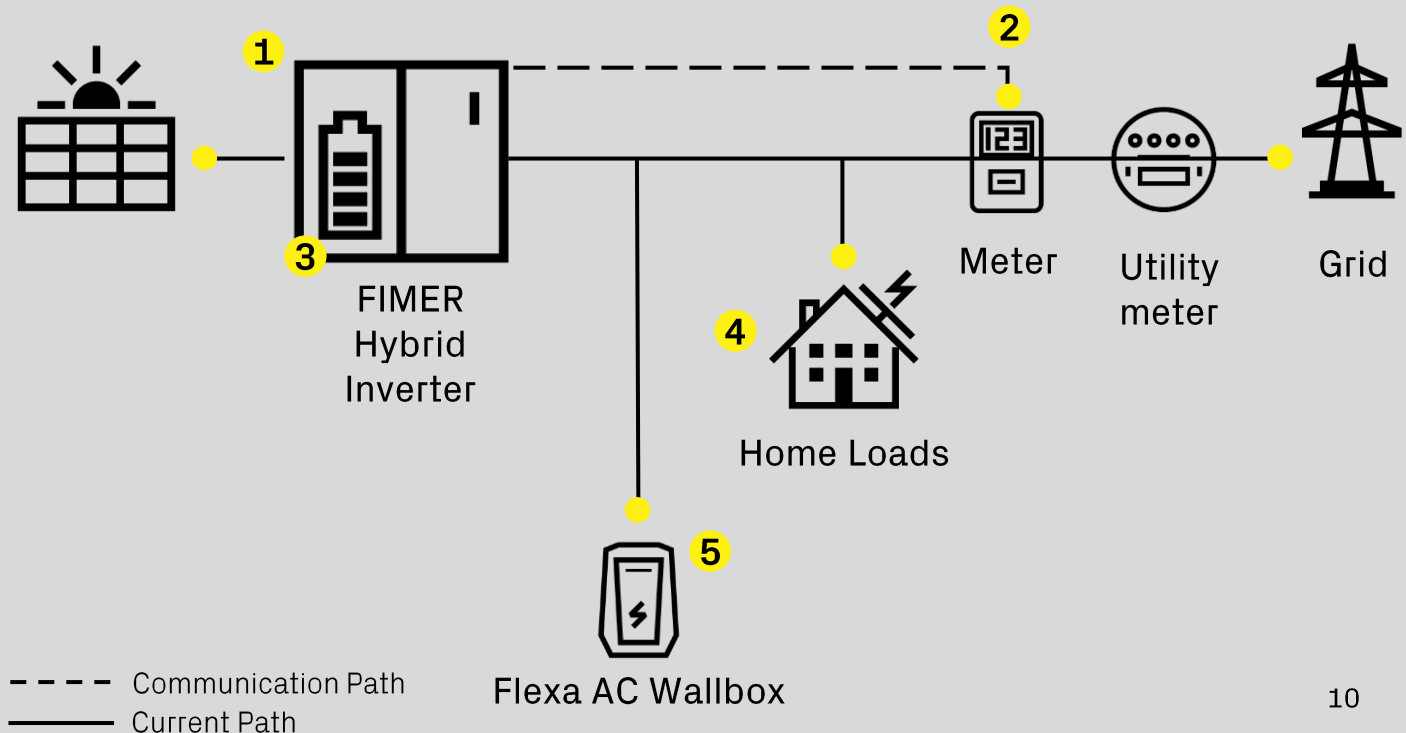
e-Mobility Integration

A seamless experience that combines Solar and EVI



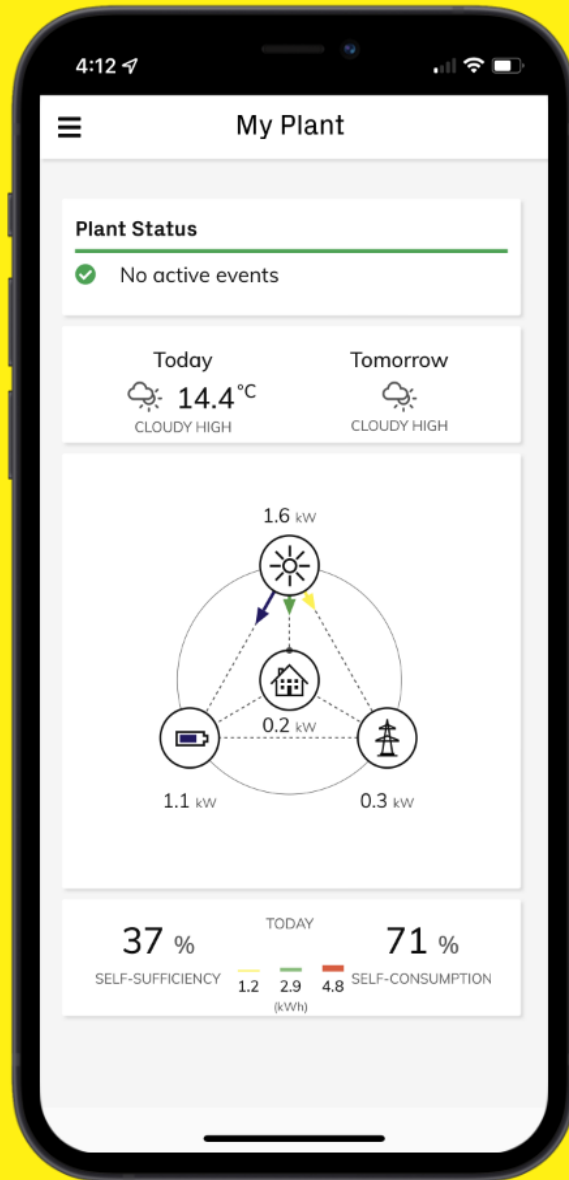
Enter the new era of EVI thanks to an integrated solution with FIMER REACT2 & FIMER FLEXA AC Wallbox:

- Remotely monitor the charging process and the status of FLEXA;
- Observe past charging trends, thanks to the integration with *Aurora Vision*[®];
- Configure and manage your favorite e-Car to know the main nominal data while charging;



Home

All the information you need... "At-a-Glance"!



Plant Status

Allows to view the errors currently active for plant and registered devices. Click to go to the "Events Log" page.

Weather

Allows to view the weather forecast, based on the location provided during the plant registration.

Synoptic

Allows to monitor the power flows, thus providing a high-level balance of the devices that contribute to the plant operation. Click on the icons to access the dedicated dashboards.

Performance KPIs

Allows to monitor energy performances. Click on the KPIs to access the dedicated dashboards.



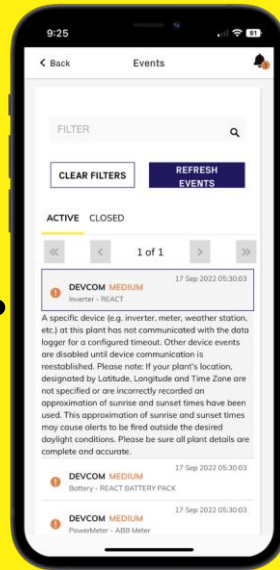
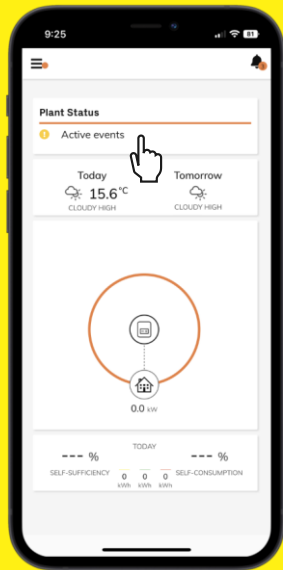
Interactive click available!

* A full configuration is considered in this example



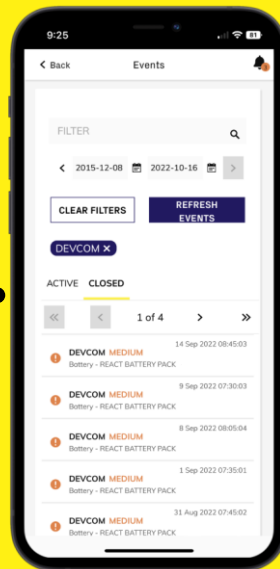
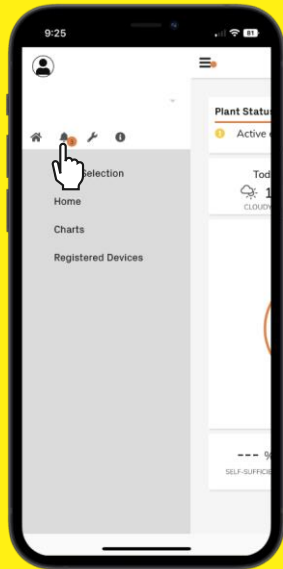
Events Log

In-app plant operation notifications



Detect Active Events

Monitor the status of your plant to get the most out of production and improve your efficiency. In case of active errors, the app will report them through the plant status card with different colors based on the severity. Click on the card to access the Events Log page, where it will be possible to view the events details and have a description to promptly resolve the problem.



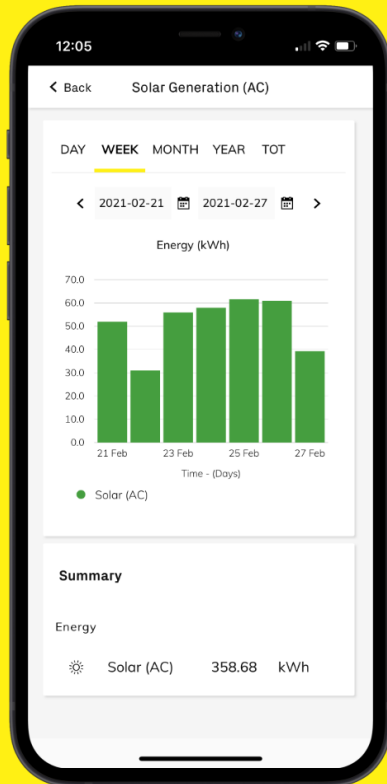
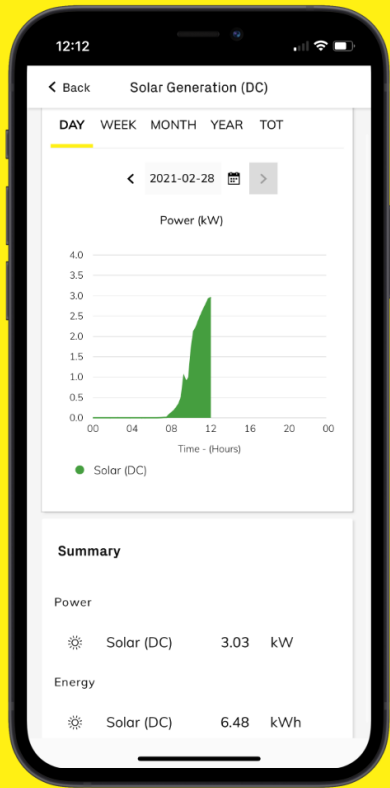
Browse Events History

You can browse the history of past errors at any time, filtering by type of error and by time window. This feature will allow you to identify potential error patterns, thus being able to deepen your analysis together with an expert in the sector.



Solar Generation

Production... in detail!



Comprehensive Details

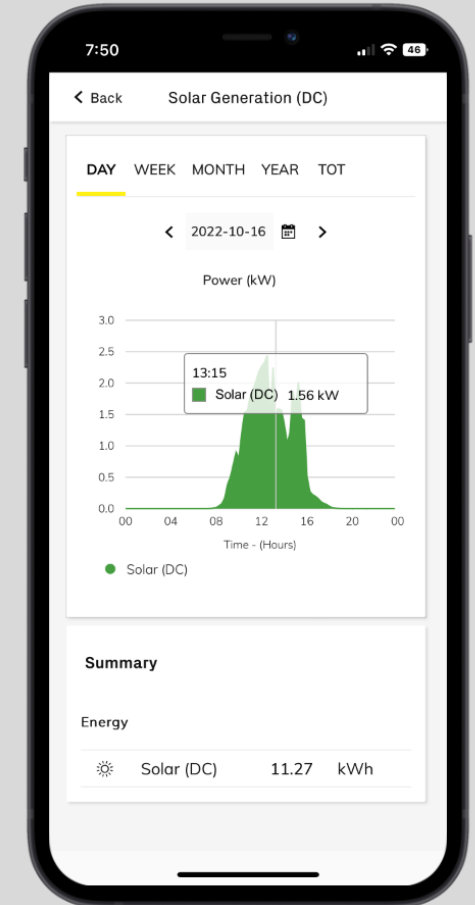
View the production on the DC side and/or AC (inverter efficiency included*). The daily view allows you to observe and interact with the power trend: by clicking on a point on the chart you can obtain the telemetry detail.

Time Trends

Select different time windows based on the detail you prefer. Charts and data will adapt automatically.

Summaries

Summary card to have an immediate view of the power and energy produced. Data dynamically adapts according to a real-time update and the selected time window.



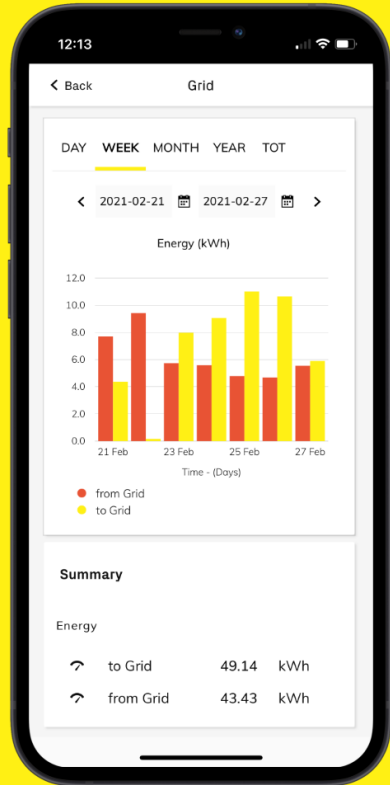
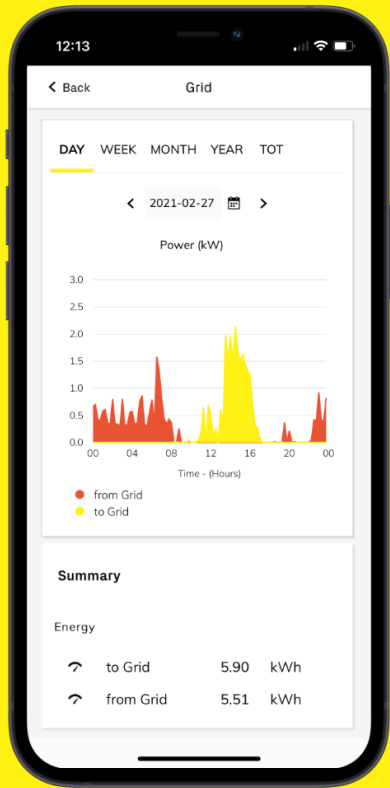
Interactive click available!

* In case of battery, discharge will also be considered in the trend



Grid

Consumption flows*... in detail!

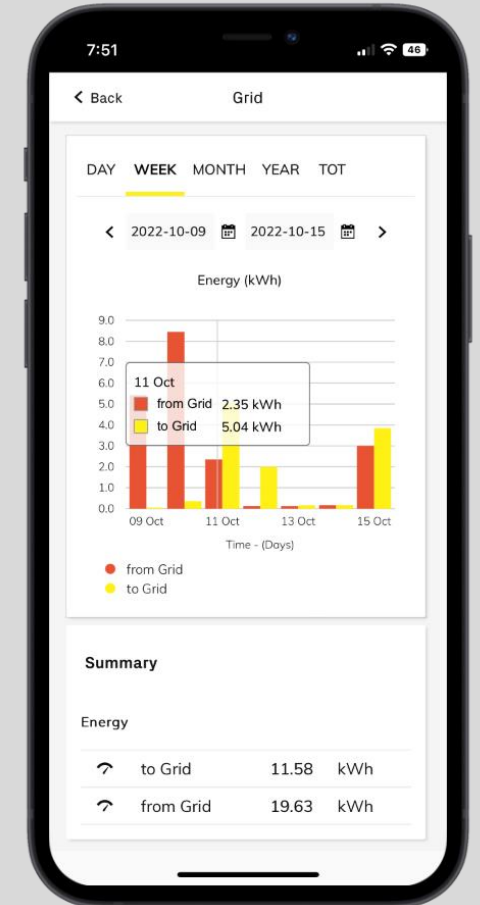


Comprehensive Details

View the detail of export/import to/from the network, to get an overview of consumption flows. The daily view allows you to observe and interact with the power trend: by clicking on a point on the chart you can obtain the telemetry detail.

Time Trends

Select different time windows based on the detail you prefer. Charts and data will adapt automatically.



Summaries

Summary card to have an immediate view of the power and energy exported/imported to/from the grid. Data dynamically adapts according to a real-time update and the selected time window.



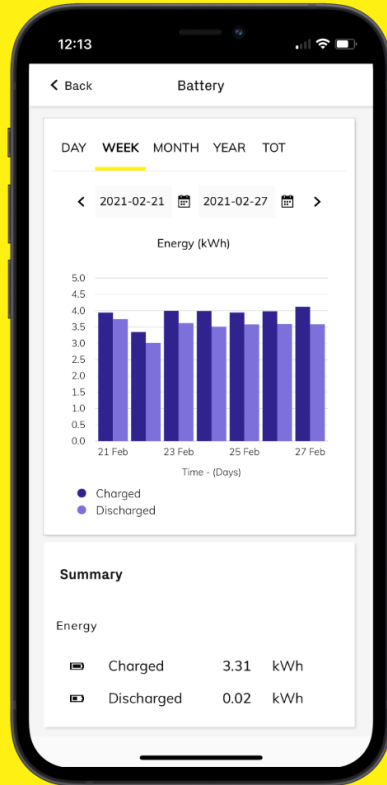
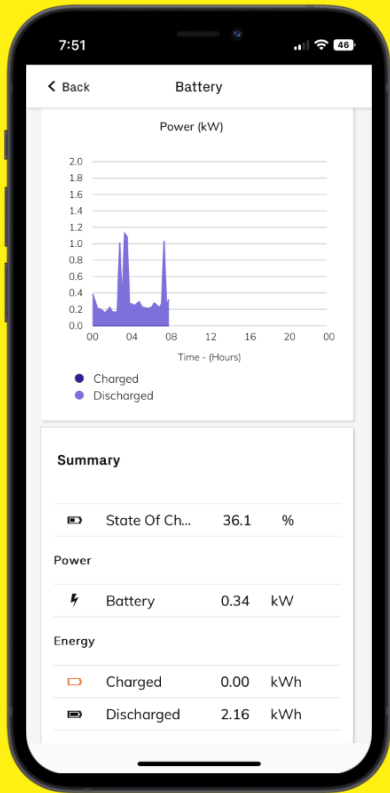
Interactive click available!

* Compatible meter installed mandatory. List available at: https://www.fimer.com/sites/default/files/FIMER_Meters%20supported%20by%20FIMER_EN_Rev.B.pdf



Battery

Charging and discharging trends... in detail!



Comprehensive Details

View the detail of charge/discharge trends, to get an overview of how storage is contributing to consumption flows. The daily view allows you to observe and interact with the power trend: by clicking on a point on the chart you can obtain the telemetry detail.

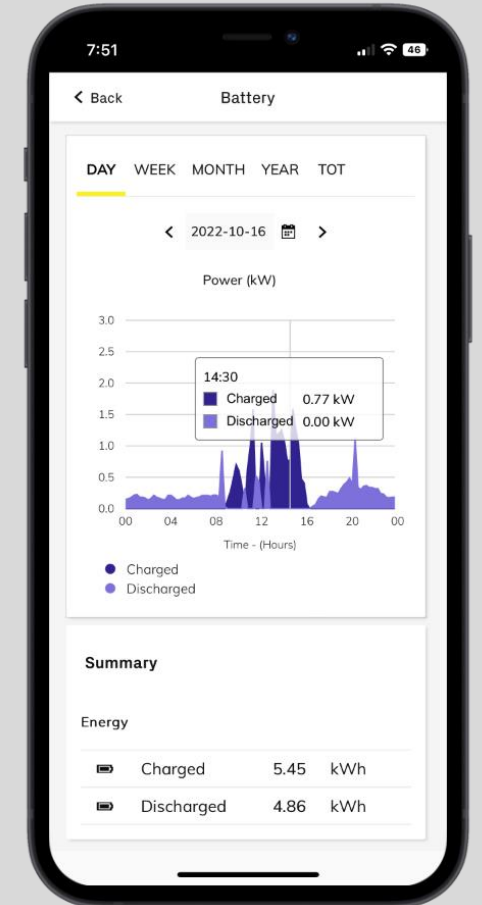
Time Trends

Select different time windows based on the detail you prefer. Charts and data will adapt automatically.

Summaries

Summary card to have an immediate view of the power and energy charged/discharged as well as the state of charge of the storage system. Data dynamically adapts according to a real-time update and the selected time window.

Interactive click available!

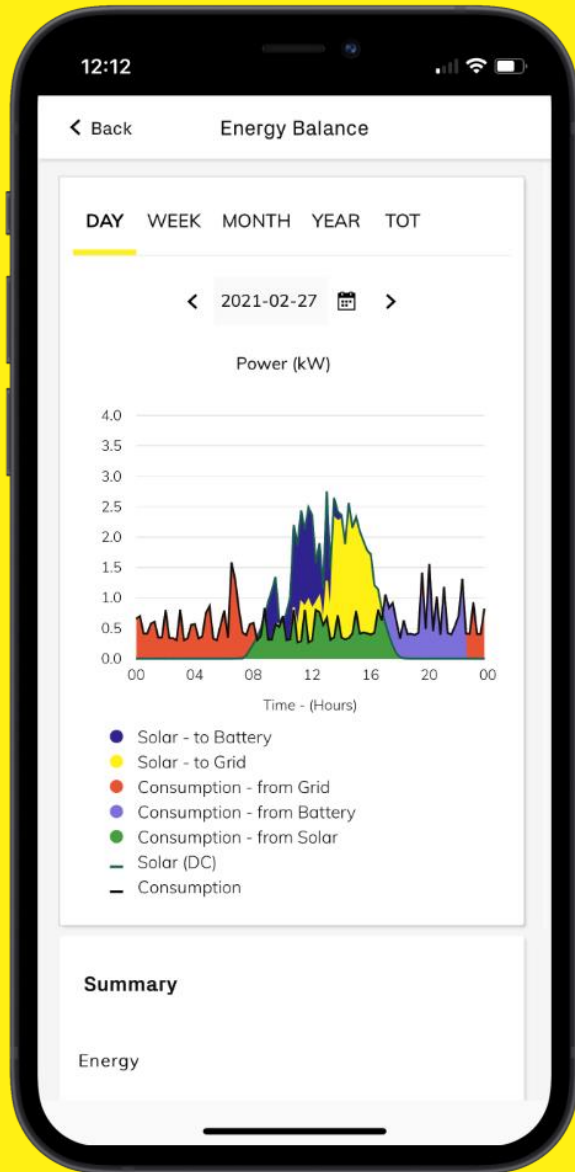


Energy Balance



All trends in one view!

The Energy Balance aggregates all the trends of the individual devices to provide you with an overview of how the energy produced by the devices in your system is used.



Solar (DC)

Represent how much solar energy the plant produced.

Consumption

Represent the consumption trend of your loads.

Grid Consumption

Represent the quantitative consumption from the grid.

Battery Discharge

Represent the quantitative consumption from batteries.

Solar Consumption

Represent the quantitative consumption from solar energy.

Grid Export

Represent the quantitative consumption from the grid.

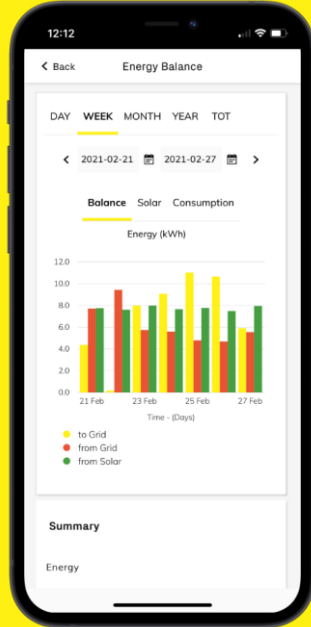
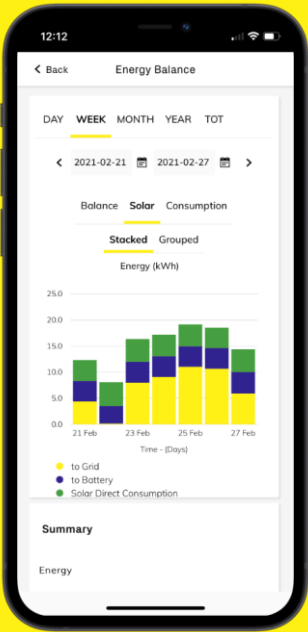
Battery Recharge

Represent the quantitative charge of batteries from solar energy.



Energy Balance

Categorize your balances!



Solar Balance

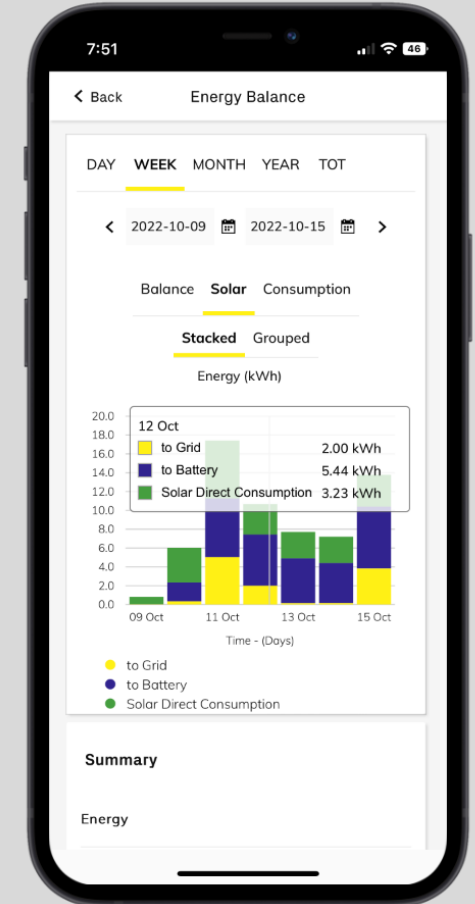
View the detail of how your solar energy has been used over time. Click on a point on the chart to obtain the telemetry detail.

General Balance

View the detail of how your energy balance is composed over time. Click on a point on the chart to obtain the telemetry detail.

Consumption Balance

View the detail of how your consumption has been defined over time. Click on a point on the chart to obtain the telemetry detail.

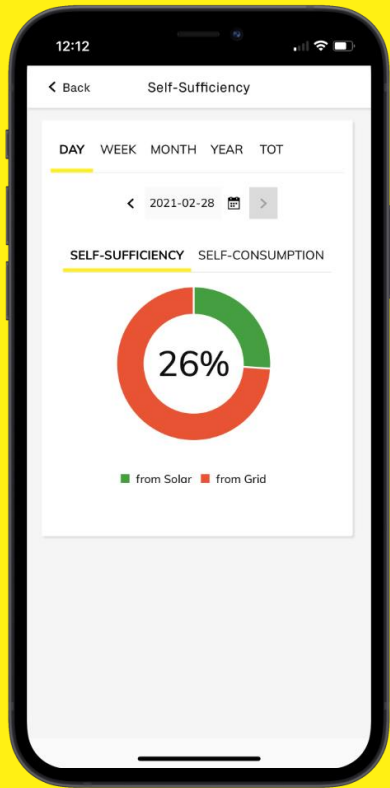


Interactive click available!



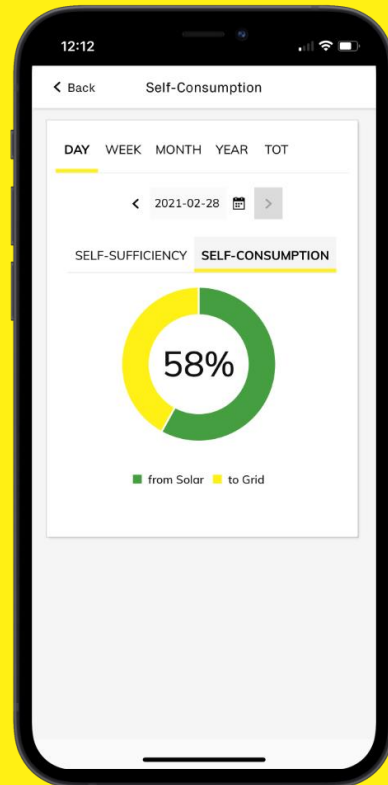
Self-Performances

Look at your performances!



Self-Sufficiency

Monitor your ability to be grid independent. The Self-Sufficiency KPI is calculated based on the consumption covered using renewable energy in relation to the import of energy from the grid.



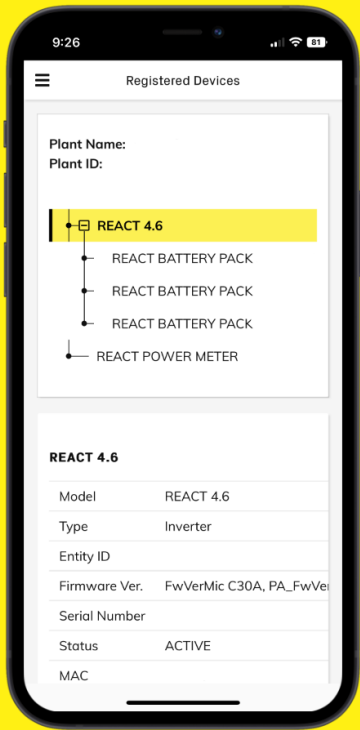
Self-Consumption

Keep an eye on your ability to consume the renewable energy at your disposal. The Self-Consumption KPI is calculated based on how much renewable energy has been used in relation to the total produced.



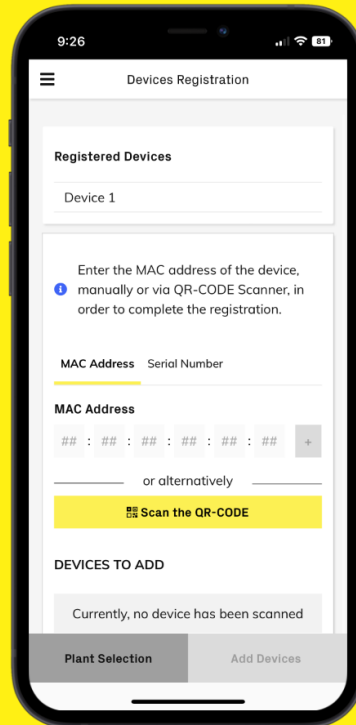
Devices Management

Devices information and registration



Plant Management

Allows to view the devices registered in the system through a hierarchical diagram. Clicking on one of the devices explodes the detail of the latter. This page is particularly useful if you are in contact with customer support.

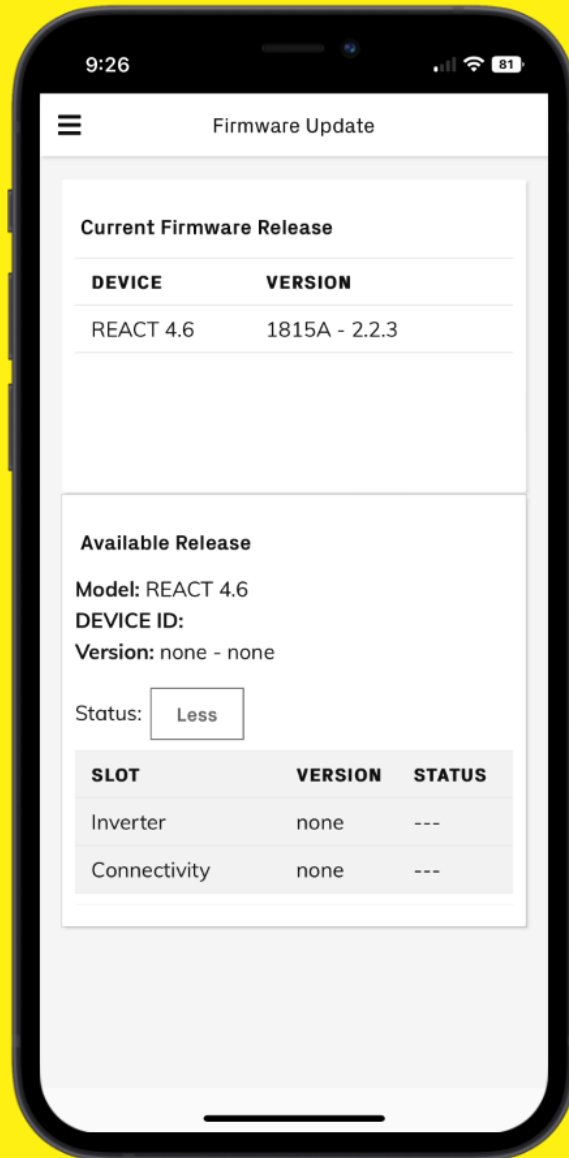


Devices Registration

Allows to register new devices at any time. Registration can be done by manually entering the MAC Address or Serial Number of the device (*manufactured by FIMER*) or by using the QR-Code scanner.

Firmware Update

Keep your inverter up-to-date!



Current Firmware Release

Shows the firmware version* currently installed.

* Note that some inverters have a firmware consisting of two versions: this is completely normal because it refers to the firmware of the inverter as a device and to the firmware of the connectivity board.

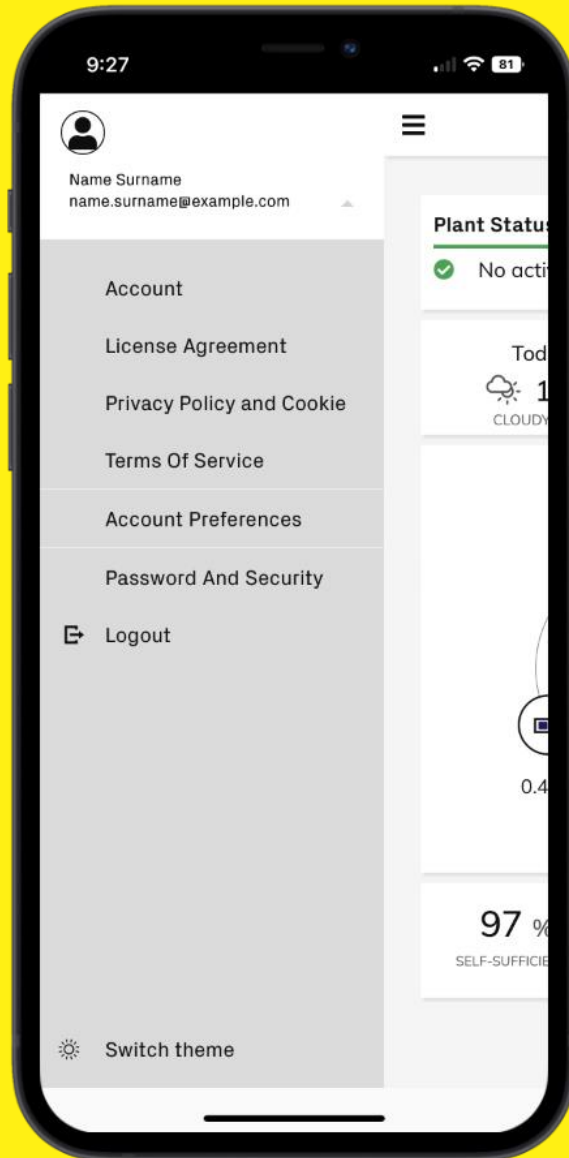
Available Firmware Release

Allows you to view the presence of firmware updates that can be performed. The user can approve the update* via the app and the inverter will automatically download the package and then perform the update in complete autonomy.

* We always recommend approving the firmware update during the central hours of the day. In this way the inverter will be in full operation and will have plenty of time to complete the update.

Account Options

Personalize your experience!



Account

View information about your Aurora Vision account; including your User ID and reference email.

Account Preferences

Manage preferences related to your account, for example by changing the language of the app.

Password & Security

Manage the security of your account by being able to change your password as and when you want.

Personalized Theme

Give a twist to the graphics of the app by being able to choose between the "Light" or "Dark" theme.

Energy Viewer

The habit of monitoring comes to your home



DYNAMICALLY ADAPTABLE
to ANY plant configuration

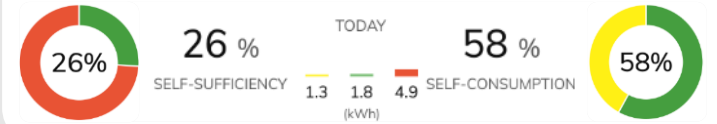


GET IT ON
Google Play



Download on the
App Store

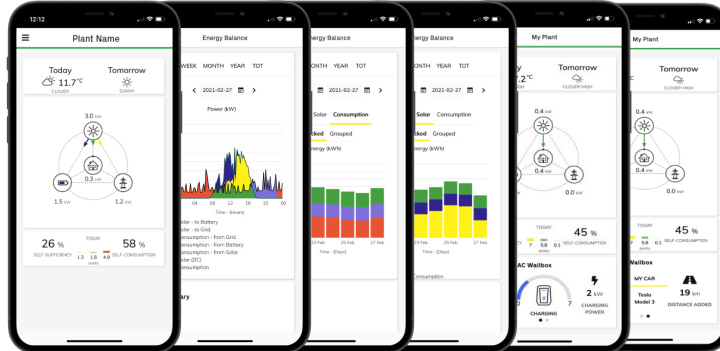
LOOK AT THESE PERFORMANCES!



SAVINGS ALWAYS IN CHECK

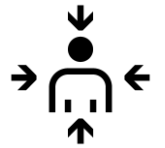


REAL TIME UPDATES



DISCOVER MORE!

REGISTER BY YOURSELF...



Plant Registration Wizard included

...OR RELAX WHILE YOU ARE REGISTERED



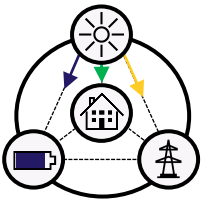
Rely on the installer, Aurora Vision will take care of the rest.



android

From v7.0 (Nougat)

FLOWS LIKE A CHARM



Production, domestic consumption, batteries... flows for all tastes!

iOS

iPadOS

From v11.0

SEAMLESS e-MOBILITY INTEGRATION

FIMER FLEXA AC Wallbox



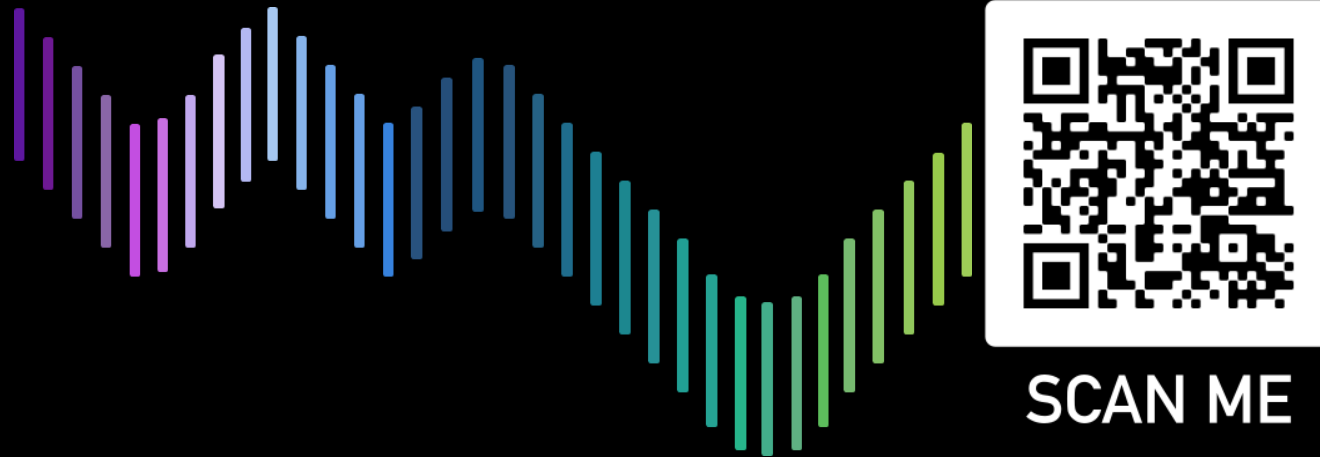
FIMER FLEXA AC Wallbox



PRICELESS



Free... for life!



Documentation

The answers you are looking for, in one place

Thank you

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26 20871 Vimercate (MB)
Italy

Phone: +39 039 98 981
Fax: +39 039 60 79 334

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fimer.com