[] | *{app-image}*

Changelog BETA-Test

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Major changes to FENECON Online Monitoring — E-Mobility

Dear Customer,

Thank you very much for your interest in participating in our BETA test.

The following guide explains the basic changes to FENECON Online Monitoring.

Further down on this page, you'll find a changelog that explains the new features added at regular intervals.

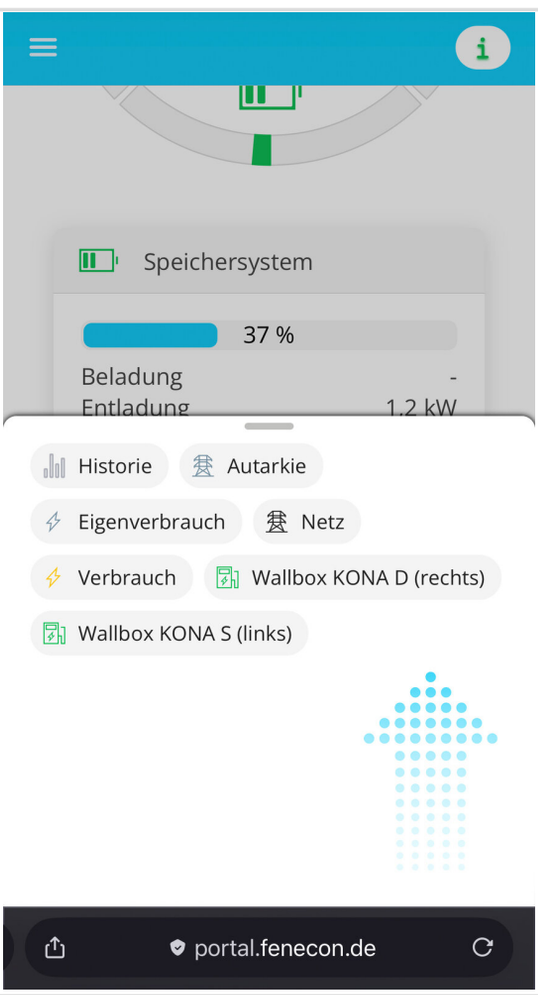
Flat widgets become chips

- In this approach, flat widgets are replaced by chips that can be tapped or clicked to create a menu structure.
- The main window on your screen displays the contents of the selected chip.
- In addition to viewing relevant information about your system, you can also configure settings in the main window.
- Depending on the chip you select, you will receive new chips until you reach the endpoint of the menu or menu branch.
- You can use the breadcrumb menu to navigate back, either step by step or directly to the start of your FENECON Online Monitoring (house icon).

To improve the user-friendliness of our applications, we take a "mobile-first" approach to development.

- The user interface is not yet the final version; it is still under development. As a result, changes may occur in the layout of the chips and the overall design.

Mobile View

Mobile View	Explanation
	Swipe up from the bottom to open the main chip menu. • The standard tabs *History*, *Autarky*, *Self-Consumption*, *Grid*, and *Consumption* are displayed here, as well as • Specific chips for each FEMS App, in this case: two KEBA P40 wall boxes.

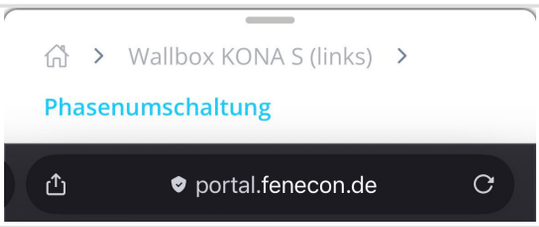
Mobile View	Explanation
	You can navigate back using the breadcrumbs displayed at the top of the chip menu.

Table 1. Mobile View

Desktop View

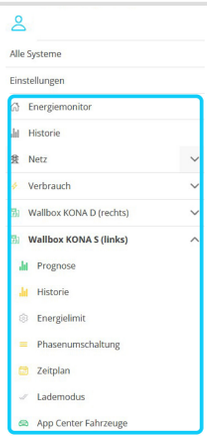
Desktop View	Explanation
	The chips are located in the side menu in a tree-style navigation
	The breadcrumbs are located at the top of your screen.

Table 2. Desktop View

Main Window — Charging Station

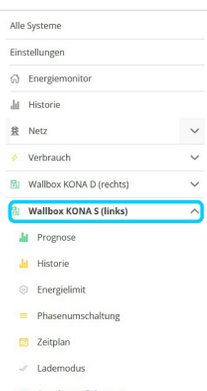
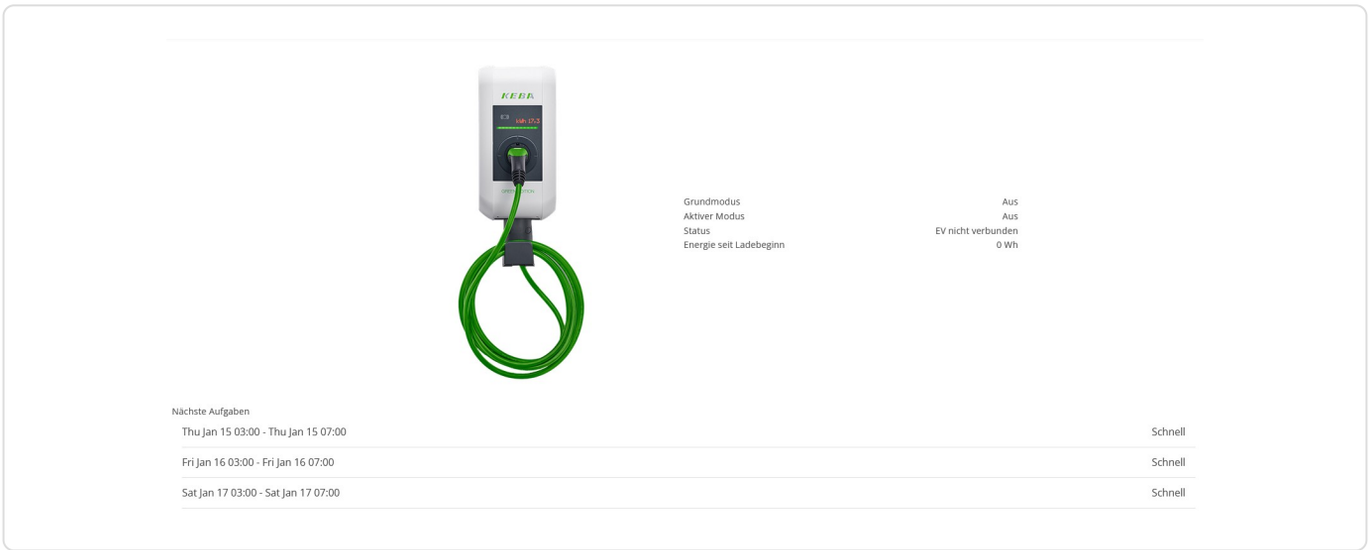
	Click or tap to activate the chip for your wallbox.

Table 3. Main Window — Charging Station Chip

Depending on the selected chip, the main window displays different information and settings:



In this case, you'll see the main window of the charging station, which displays custom tasks (schedule) at the bottom.

It also displays which modes are currently active: **Base Mode** and **Active Mode**.

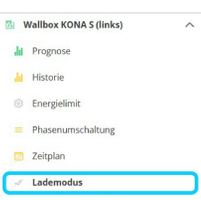
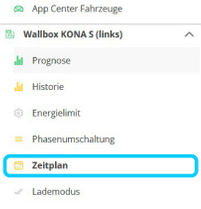
	Settings for **Base Mode** can be configured via the *Charging Mode* chip.
	Settings for **Active Mode** can be configured via the *Schedule* chip.

Table 4. Explanation — Base Mode and Active Mode



The charging modes have been renamed. The functions behind them are similar, but not identical.

Click on the *Charging Mode* tab to open the following main window, where you can set the **Base mode**:

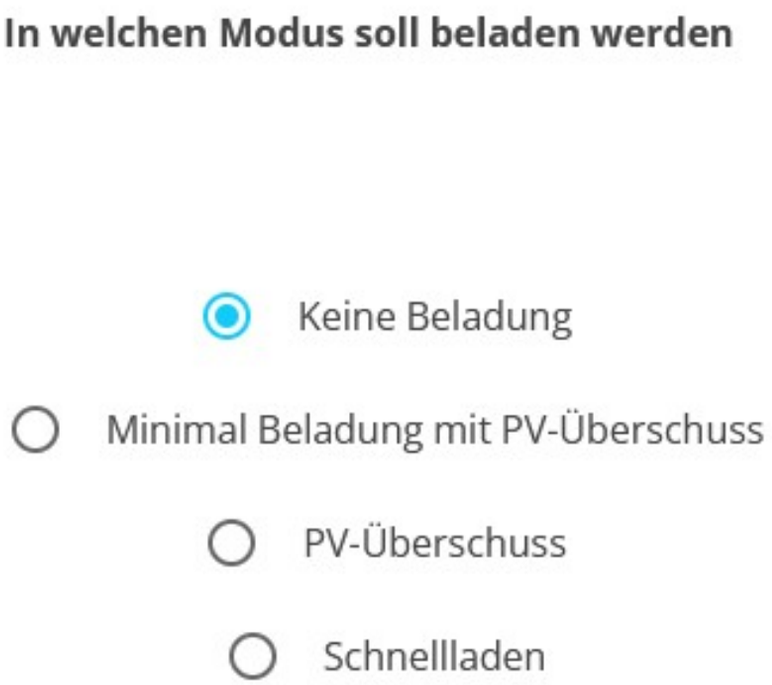


Image 1. Overview — Charging Modes

No charging

Completely disables the charging station.

Minimum Charging with PV Surplus

The *Minimal Charging with PV Surplus* mode guarantees that the vehicle is charged to the minimum level. If there is sufficient PV surplus, it is used. If there is no PV surplus, the vehicle is charged using grid withdrawal up to the minimum charging power.

PV surplus

In *PV surplus* mode (formerly: Automatic), the EV's charging is dynamically adjusted to the excess electrical energy (e. g., PV surplus). In addition, the *Phase Switching* chip allows you to switch between 1-phase and 3-phase charging.

Fast Charging

In *Fast Charging* mode (formerly: manual), the vehicle charges as quickly as possible—depending on whether the phase switching setting is set to 3-phase or 1-phase. If there is sufficient excess PV power, it is used and combined with grid withdrawal.

Click the *Schedule* tab to open the following main window, where you can set an **Active Mode**:

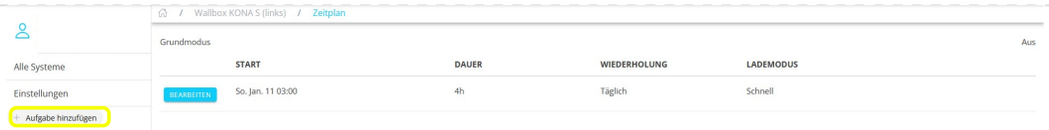


Image 2. Overview — Schedule

This main window displays your custom tasks (schedule). If you already have a task in the list, you can *EDIT* it to, e. g. adjust the time period or the charging mode during that time period.

Click **[DELETE]** to remove the task.

Use **[ACCEPT]** to save your changes to the task.



Image 3. Overview — Created Tasks

Tap the *+ Add Task* button to create a new task.

You will be taken to the following main window:



Image 4. Main Window — Add New Task

Here you can set the **Start**, the **End**, the **Repetition Interval** (currently: daily), and the desired **Charging Mode**.

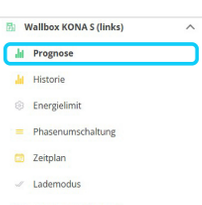
Pressing **[+ ADD]** saves the task and displays it in the overview.



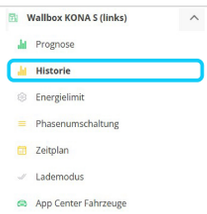
If no tasks are scheduled, **Active Mode** is the same as **Base Mode**.

Other chips in the charging station

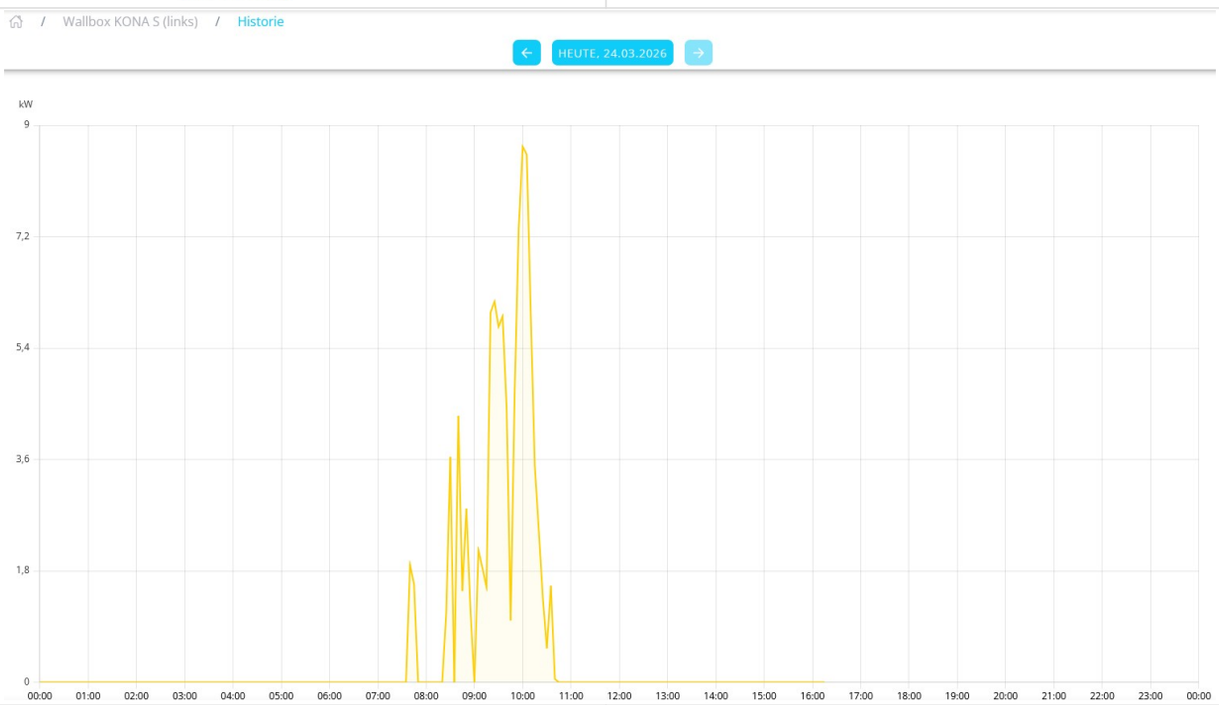
By activating the charging station chip, you'll receive additional chips:

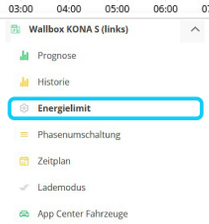
	The main window of this chip displays the forecast for your wallbox:





The main window of this chip displays the history for your wallbox:





This chip allows you to set an energy limit for charging your vehicle.

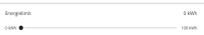
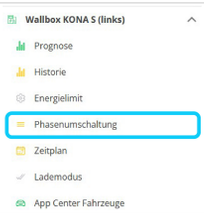
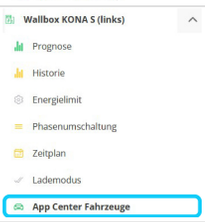
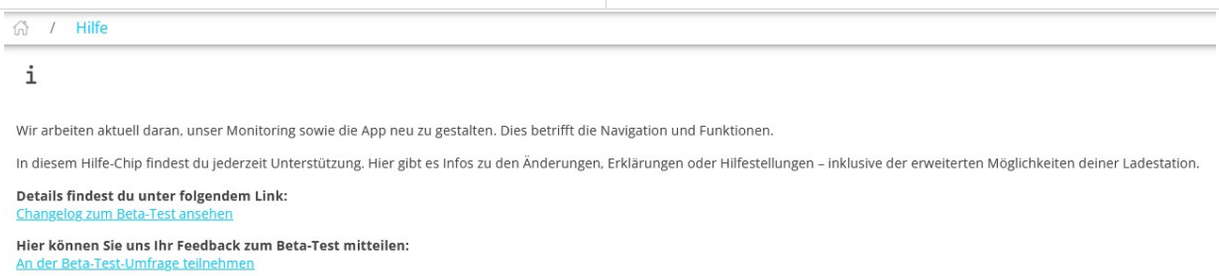
	There is a slider for this in the corresponding main window. • Energy limit **0**: The vehicle will continue to charge without restriction until its battery is fully charged or the charging mode is set to *Off*. • Energy limit **20**: The battery is charged up to a maximum of 20 kWh during each charging cycle. etc.
	Activating this chip takes you to Manual Phase Switching.
	This takes you directly to the settings for the connected vehicle → Generic Vehicle.
	Further down in the side menu is the *Help* chip: 1. **View the beta test changelog** links to this documentation. 2. By clicking **Participate in the beta test survey**, you can provide us with feedback: Share feedback on the BETA test.
	

Table 5. Explanation — Additional chips in the charging station



- With the transition to the BETA test, Multi-Charging-Point Management is no longer required.
- It is also no longer automatically installed when more than one charging point is installed.
- A feature for prioritizing charging points will be implemented at a later date.

EMS Cockpit

The EMS Cockpit is the central user interface for EMS. Here, you can view all relevant information about your system:

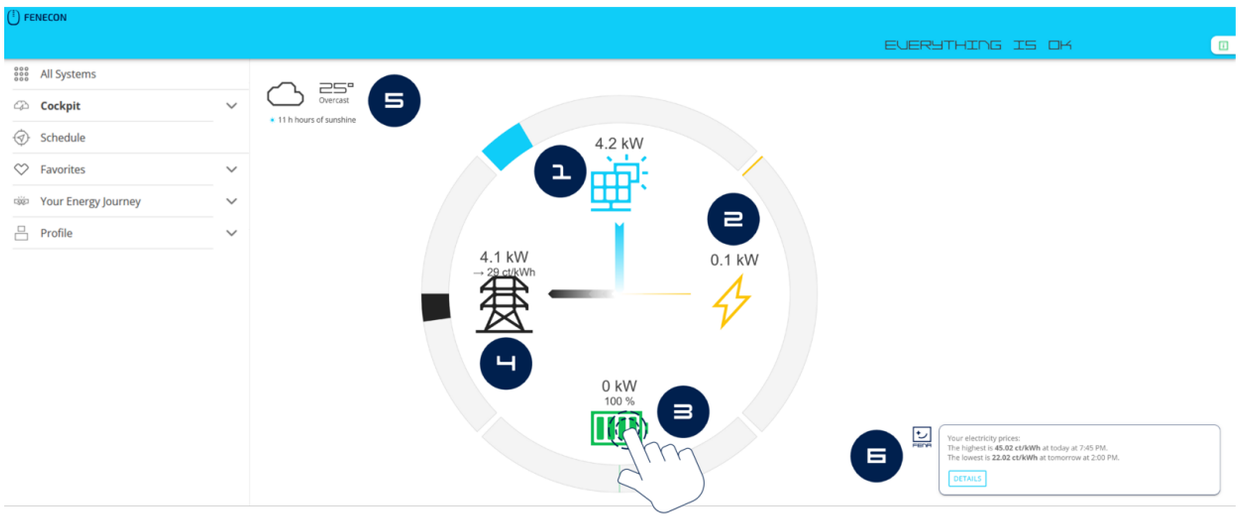


Image 5. Cockpit — Main Window — Explanation

- Zentrales Element ist der **Leistungsmonitor**. Er zeigt die aktuelle Produktion, den Verbrauch, die Be- und Entladung der Batterie sowie den derzeitigen Netzbezug oder die Netzeinspeisung.
- The gray bars represent the maximum possible power of the various elements, which is generated automatically.
- The consumption is calculated.
- If one of the elements (except consumption) does not exist in the system, it is hidden.

Clicking or tapping on the respective icons will take you to the corresponding subpages of your system's standard main menu items:

1. Production
2. Consumption
3. Storage System
4. Grid
5. Weather
6. FENA

Selbstverständlich können Sie auch die das Hauptmenü links verwenden, um zu den gewünschten Seiten zu navigieren.

1. Production

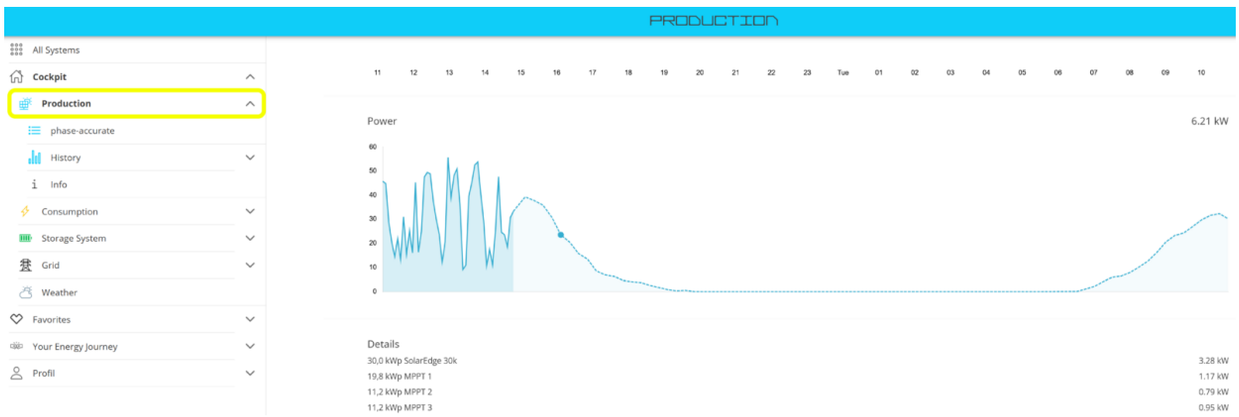


Image 6. Main Menu Item — Production — Main Window

Der Hauptmenüpunkt *Erzeugung* zeigt in seinem Hauptfenster die aktuelle Leistung Ihrer Erzeuger, z. B. der PV-Anlage, an. Sie erhalten außerdem eine Erzeugungsprognose für den aktuellen und den kommenden Tag in kWh angezeigt, sowie im unteren Bereich Details über Ihre eingebundenen Erzeuger.

The production forecast, shown as a dashed line in the graph, becomes visible after installing the free FEMS App Weather.

Other submenu items include:

Phase-accurate production:



Image 7. Main Menu Item — Production — Phase-Accurate

History:

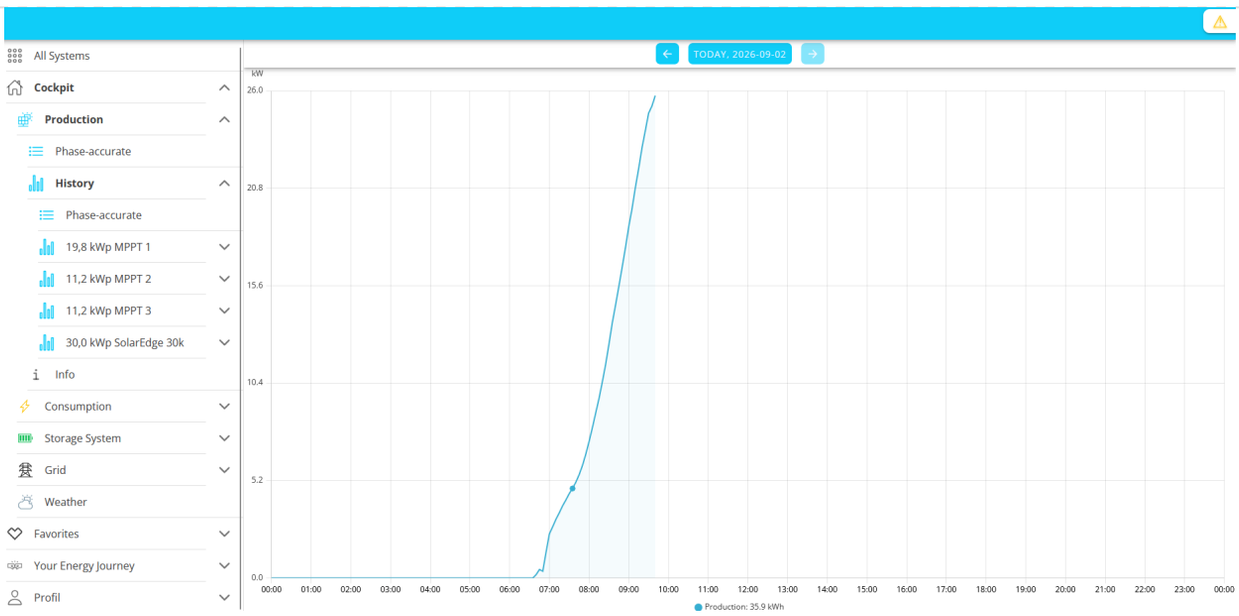


Image 8. Main Menu Item — Production — History

Phase-Accurate History:

Total, Phase L1, Phase L2, Phase L3

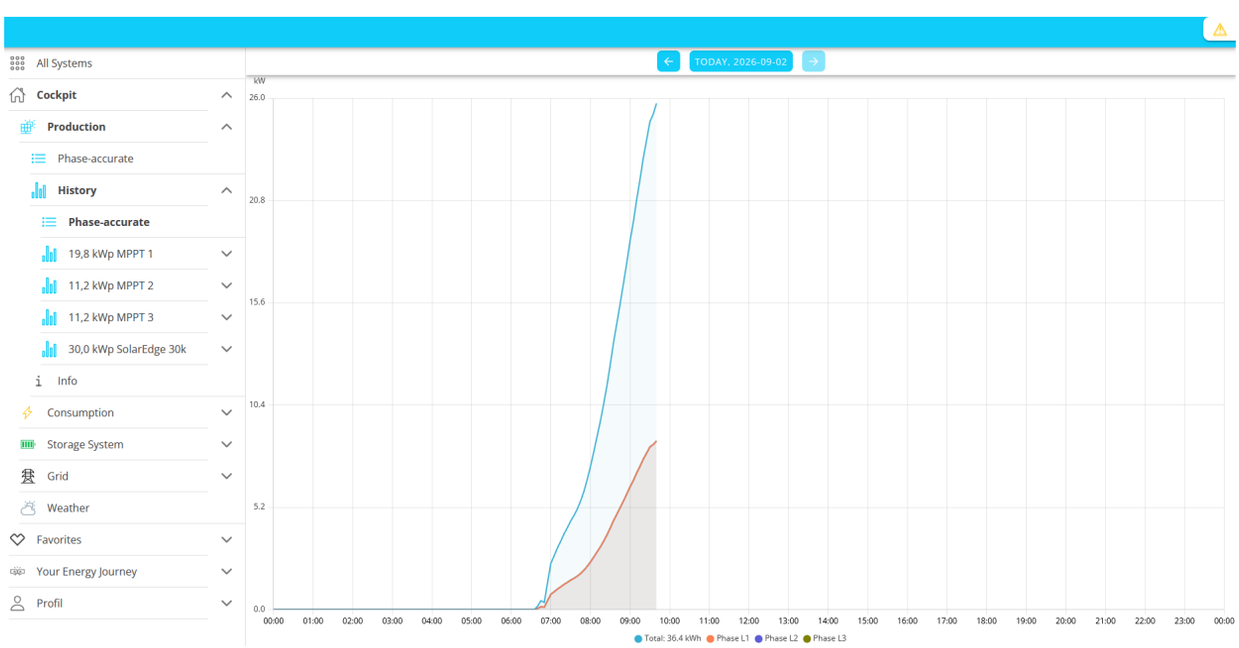


Image 9. Main Menu Item — Production — Phase-Accurate History

History of the individual MPP trackers:

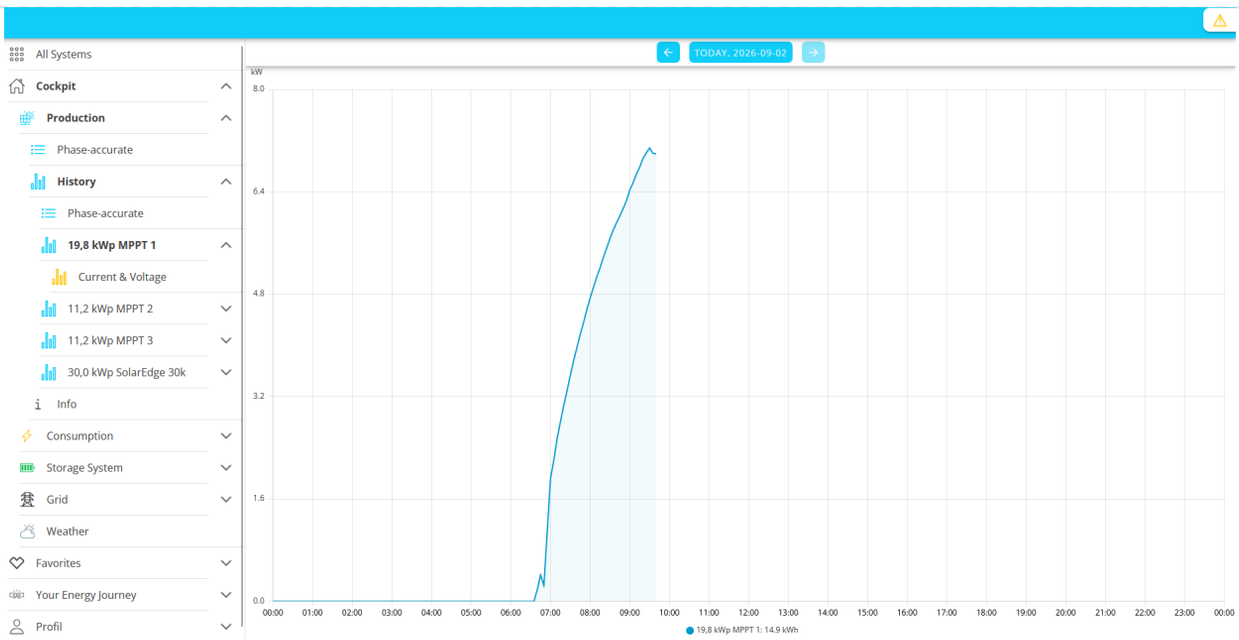


Image 10. Main Menu Item — Production — History of Individual MPP Trackers

Current & Voltage of the Individual MPP Trackers:

Current, Voltage

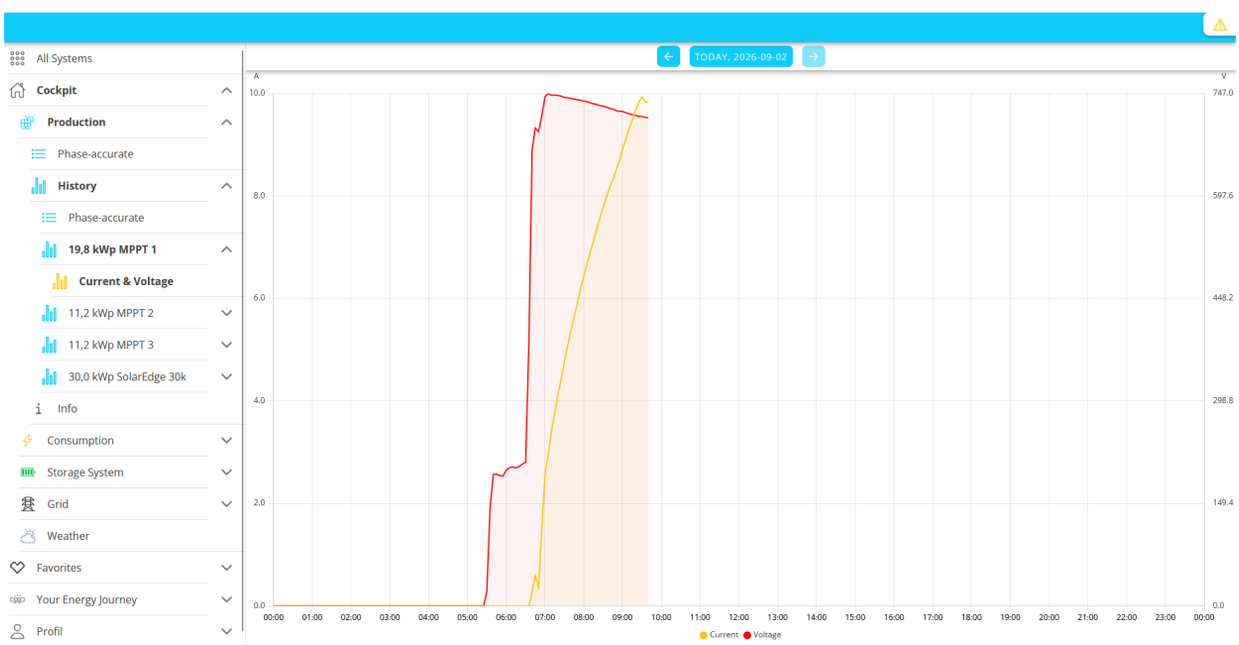


Image 11. Main Menu Item — Production — Current & Voltage of Individual MPP Trackers

2. Consumption

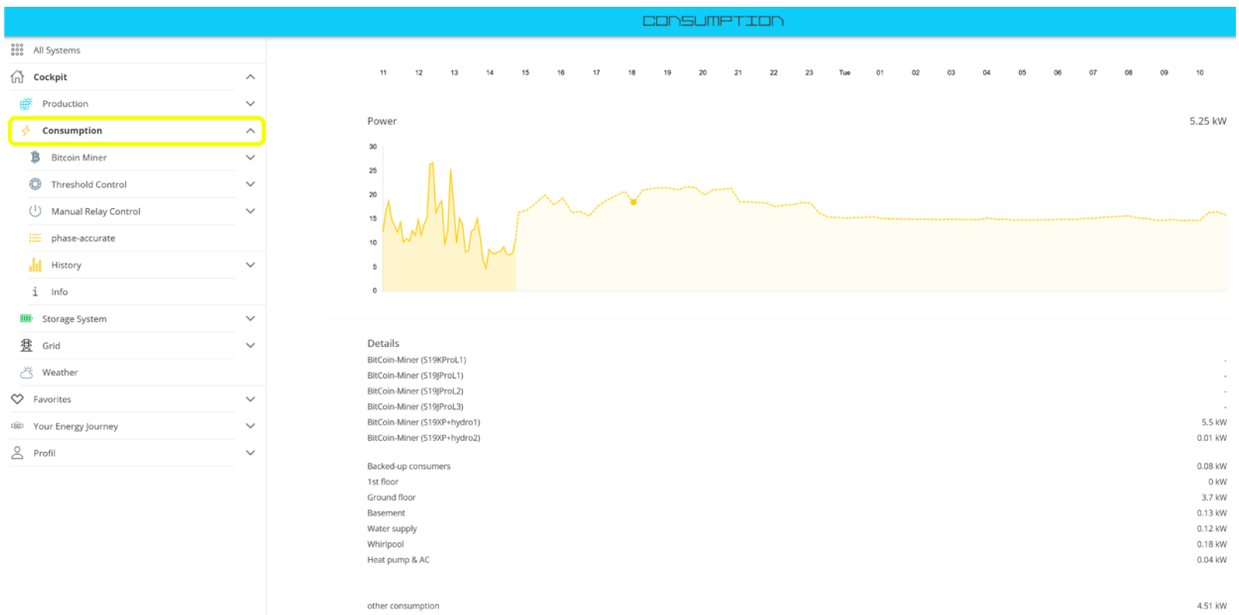


Image 12. Main Menu Item — Consumption — Main Window

Der Hauptmenüpunkt *Verbrauch* zeigt in seinem Hauptfenster die aktuelle Leistung des Verbrauchs an. Sie erhalten außerdem eine Verbrauchsprognose für den aktuellen und den kommenden Tag in kWh angezeigt, sowie im unteren Bereich Details über einzelne eingebundene Verbraucher.

The consumption forecast, shown as a dashed line in the graph, is one of the features of the new app design.

Other submenu items include:

Phase-accurate:

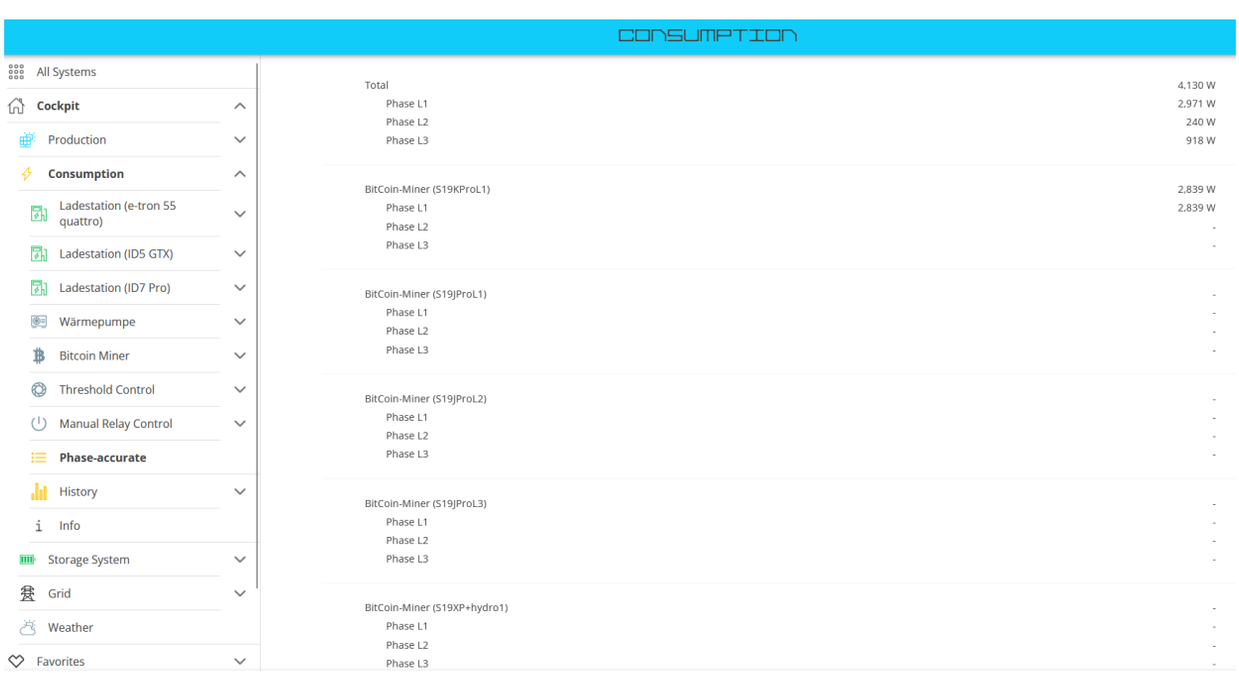


Image 13. Main Menu Item — Consumption — Phase-Accurate View

History:

All data for the connected consumer loads is displayed here.

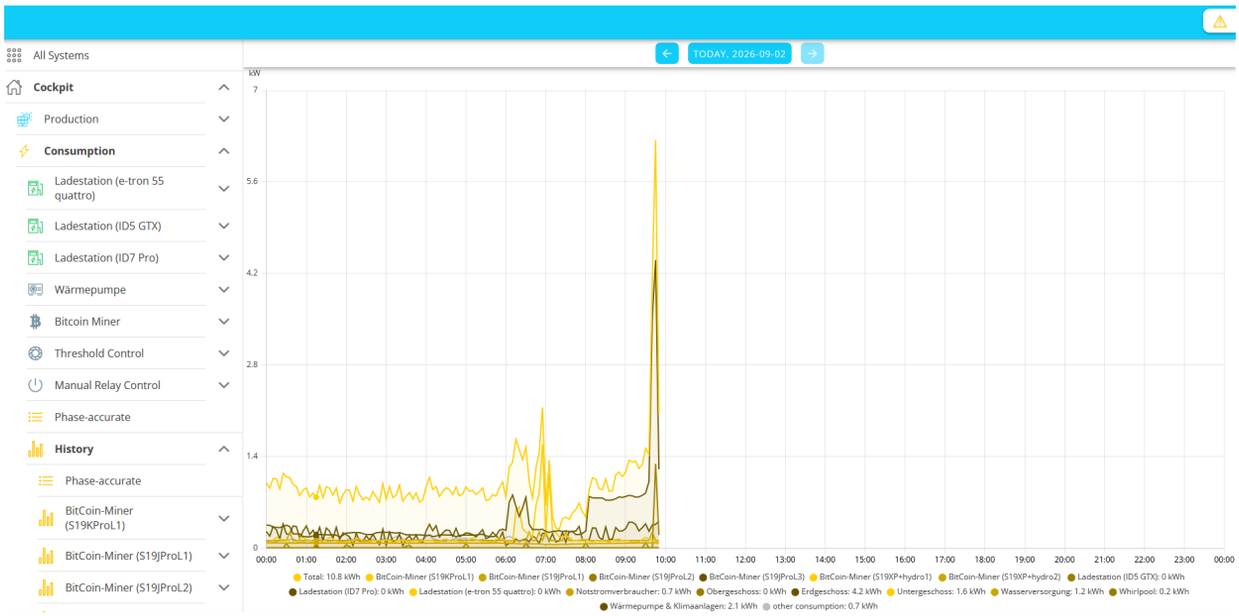


Image 14. Main Menu Item — Consumption — History

If desired, these can be shown or hidden individually by clicking on the corresponding graph descriptions in the legend.

Phase-Accurate History:

Total, Phase L1, Phase L2, Phase L3

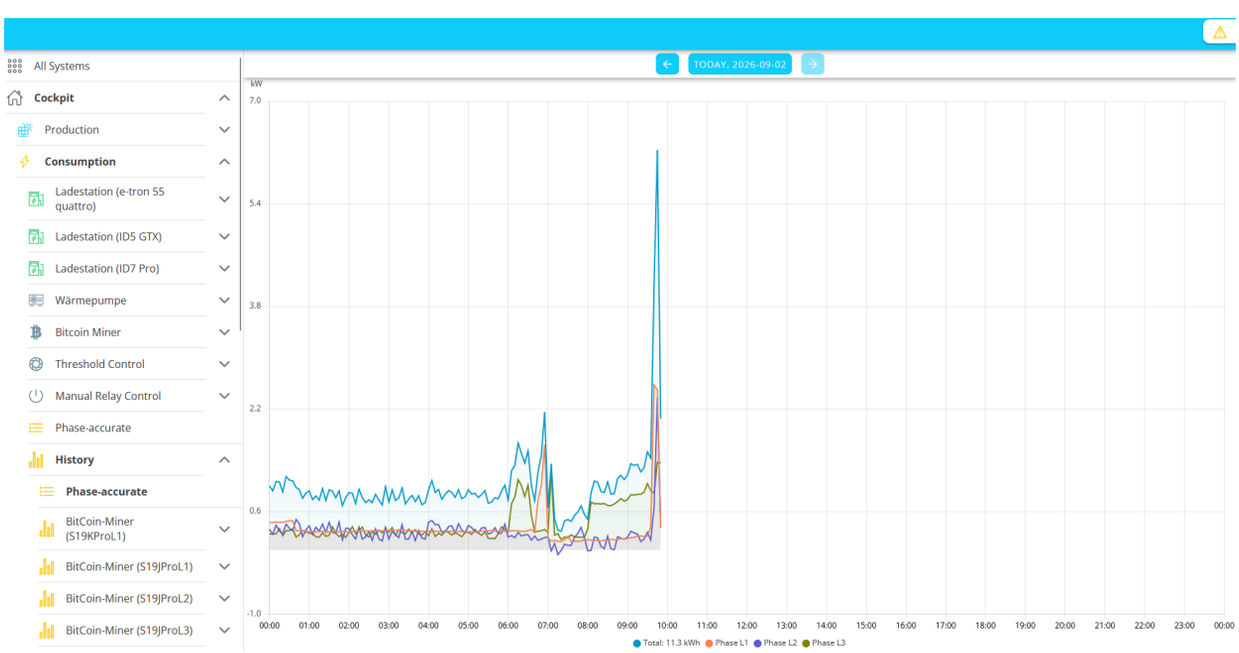


Image 15. Main Menu Item — Consumption — Phase-Accurate History

3. Storage System

The main window of the *Storage System* menu item displays the current power and state of charge (SoC) of the battery system.

Charging, Discharging, State of Charge

The dashed graphs on this page each show forecast values.

The forecast values displayed in this way help you better estimate future trends in storage capacity and state of charge.
The forecast values are calculated as accurately as possible, taking into account any scheduled times as well.

The sudden activation of a consumer load can affect the forecast values in the short term.

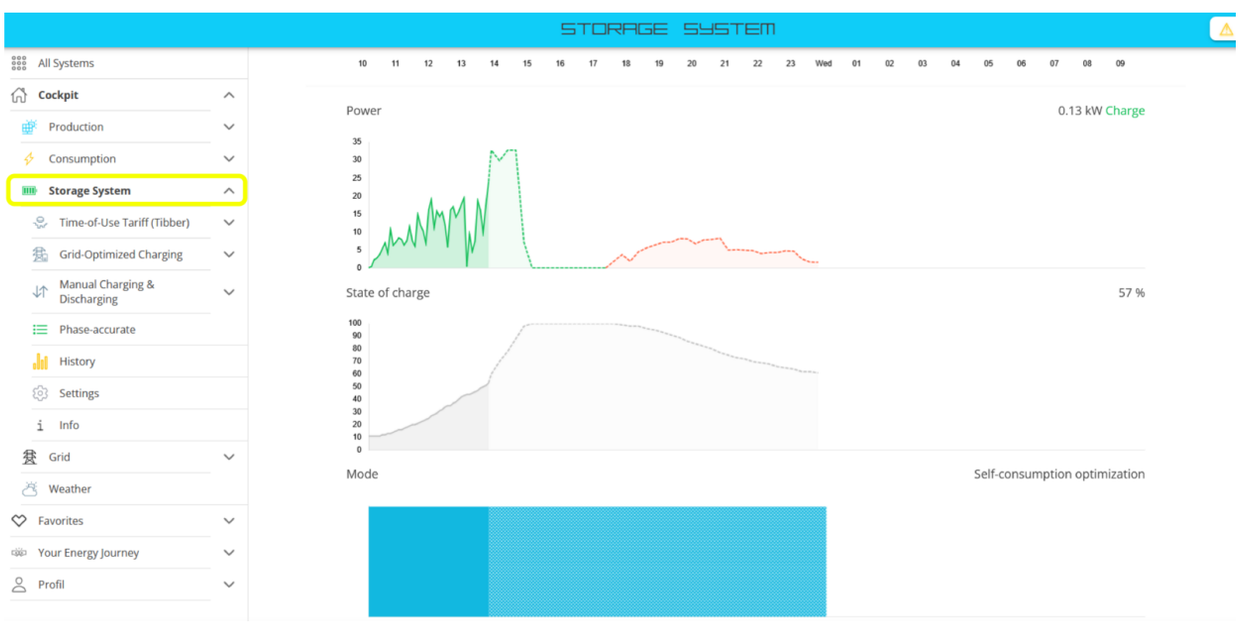


Image 16. Main Menu Item — Storage System — Main Window

Directly below the main menu item *Storage System*, you will find the available operating modes for the battery system; in this case:

- Time-of-Use Tariff (with Tibber as the provider)
- Grid-Optimized Charging
- Manual Charging & Discharging

Possible operating modes include *Static* or *Time-of-Use Tariff*, *Grid-Optimized Charging*, *Manual Charging & Discharging*, and *Modbus/TCP Write Access*. These are explained in the corresponding FEMS App manual.

Example — Time-of-Use Tariff:
How is the operating mode determined?
An artificial intelligence system links the available forecasts with dynamic electricity prices

and determines an optimized energy plan. This plan defines the appropriate operating mode for every quarter-hour of the available time period.

The system also provides a *phase-accurate view*:

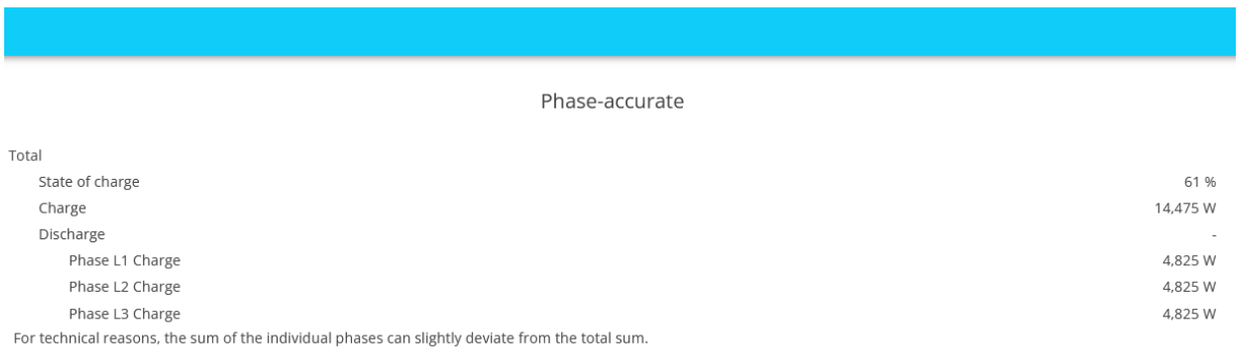


Image 17. Main Menu Item — Storage System — Phase-Accurate

A *History*:

Charging, Discharging, State of Charge (SoC, dashed line)

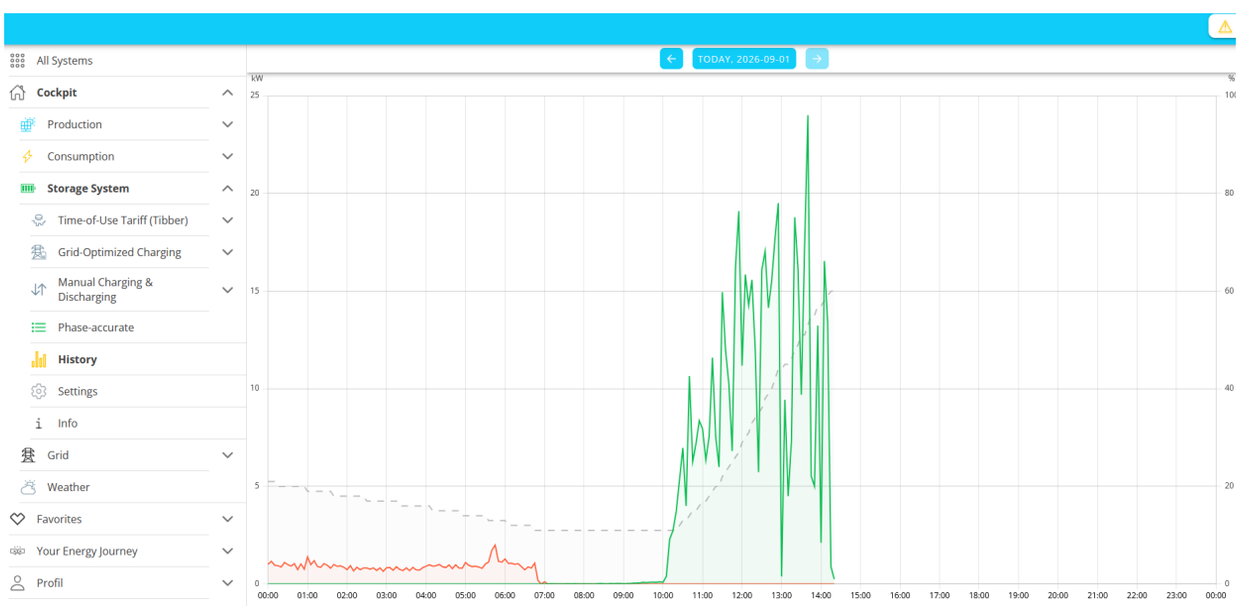


Image 18. Main Menu Item — Storage System — History

As well as a "Settings" page where the emergency power reserve is configured.

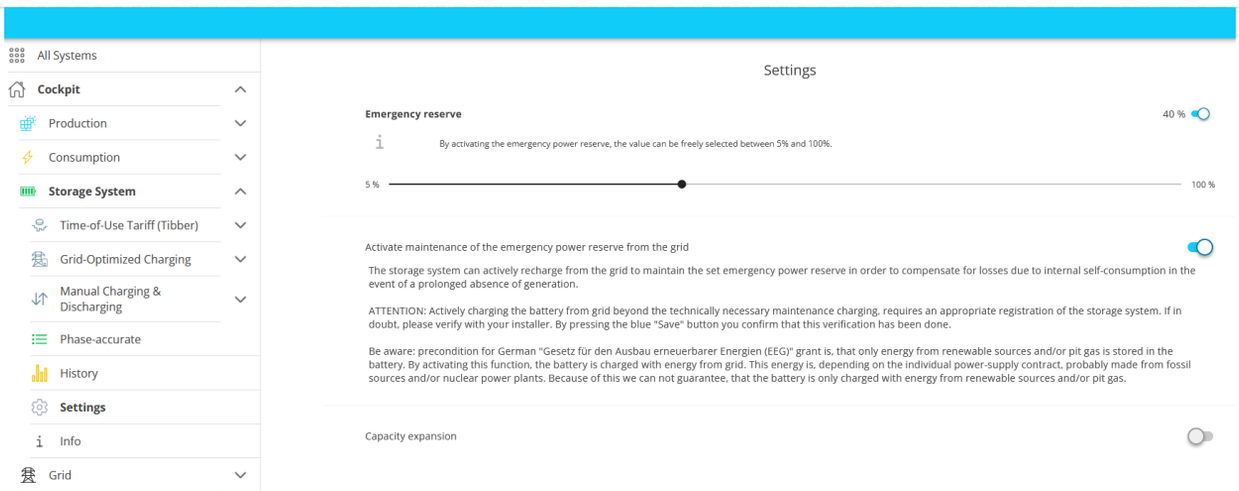


Image 19. Main Menu Item — Storage System — Settings

Here, you prepare the system for an upcoming capacity expansion with additional battery modules, for which the battery energy storage system must be brought to 30 % SoC.

Expansion of the energy storage system

These settings are available only for the *INSTALLER* access level.

After clicking the slider labeled **Capacity Expansion**, you can schedule the capacity expansion for a specific day and time, …

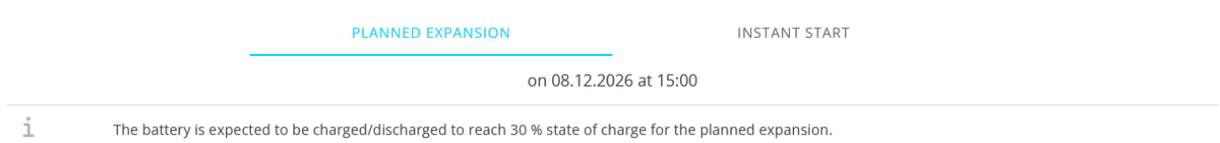


Image 20. Main Menu Item — Storage System — Scheduled Expansion

... or to start the necessary preparations right away:

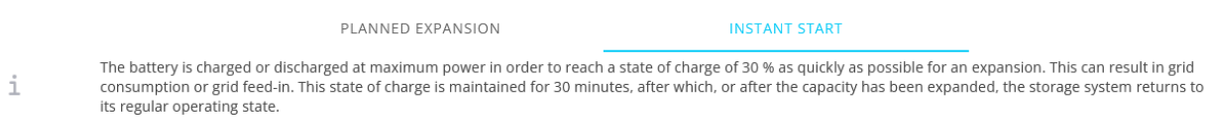


Image 21. Main Menu Item — Storage System — Immediate Expansion

4. Grid



Image 22. Main Menu Item — Grid — Main Window

The main window of the *Grid* menu item displays the current power fed into the grid as well as the grid withdrawal, and in the graph below, the current electricity price.

The details at the bottom indicate whether grid feed-in is currently being limited by an external factor, and how much power was fed into each phase.

Another submenu item is *History*:

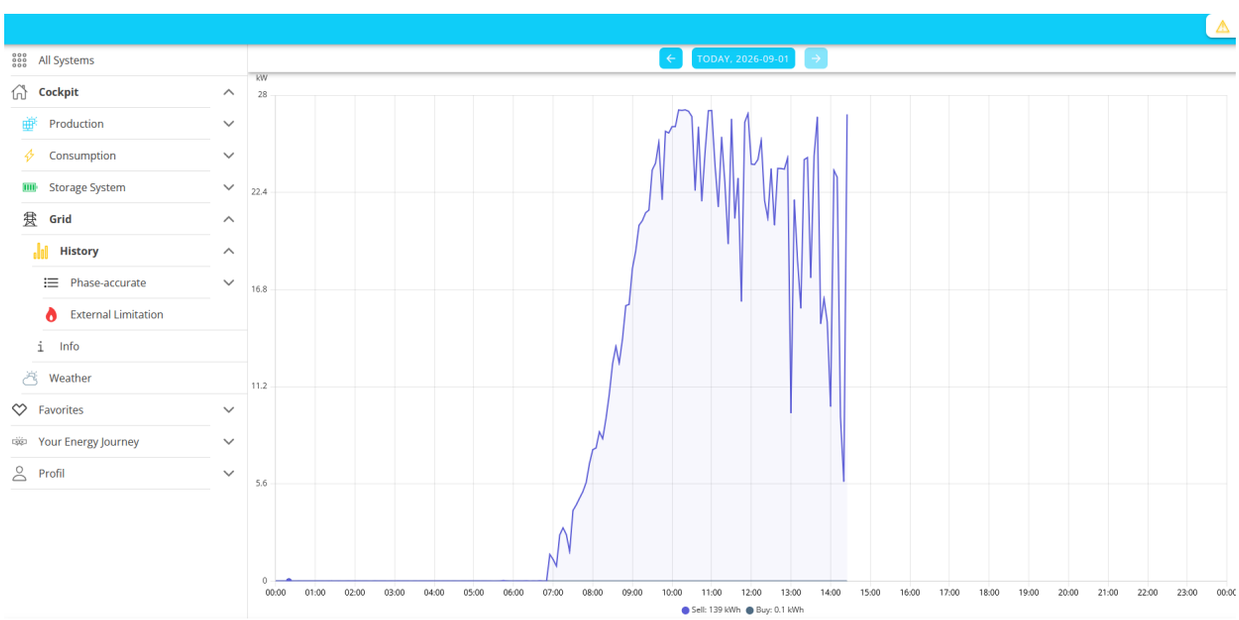


Image 23. Main Menu Item — Grid — History

It offers two additional graphical representations: *Phase-accuracy* and *Current & Voltage*.

Phase-accurate:

Total, Phase L1, Phase L2, Phase L3

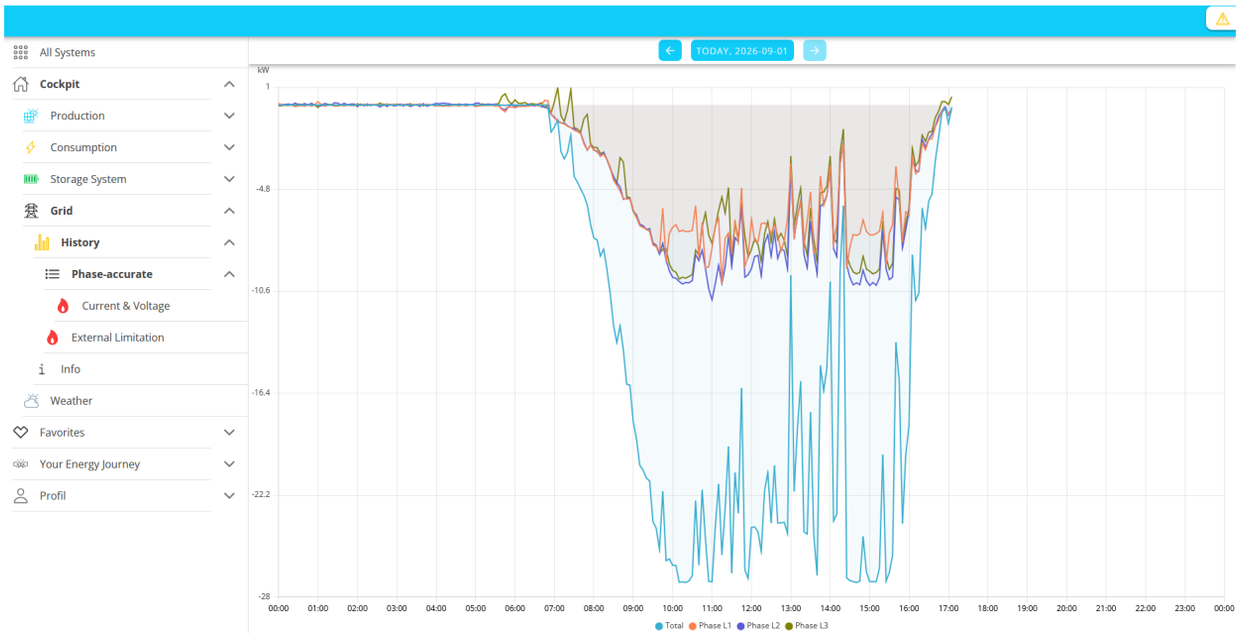


Image 24. Main Menu Item — Grid — History — Phase-accurate

Current & Voltage:

Current L1, Current L2, Current L3, Voltage L1, Voltage L2, Voltage L3

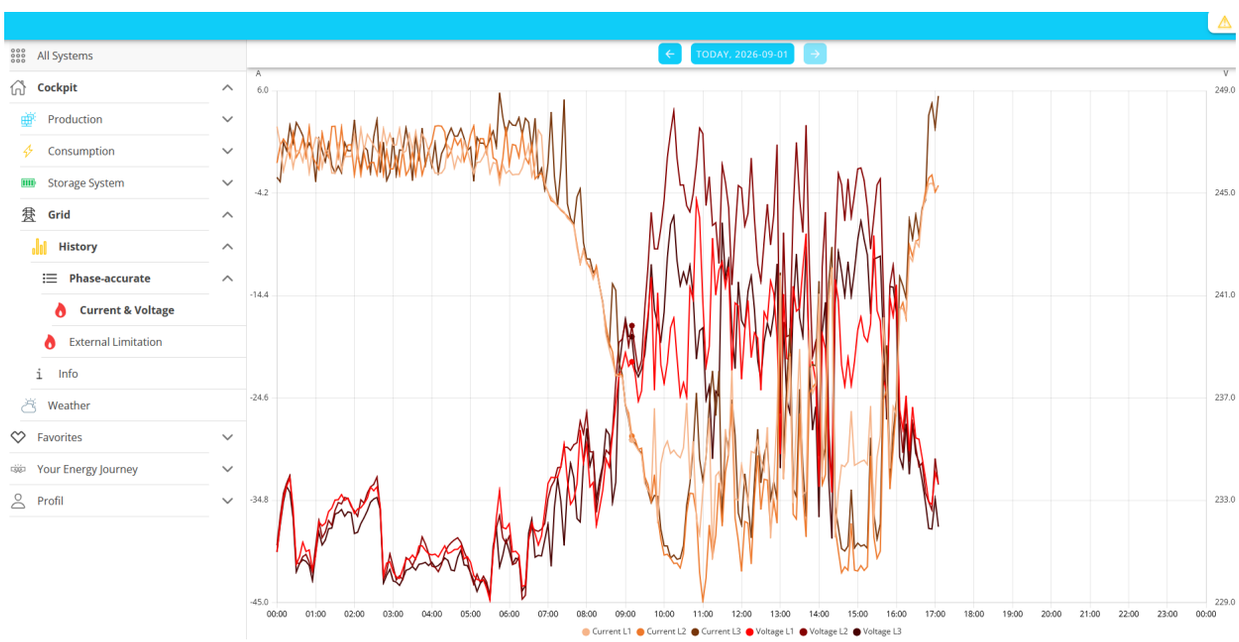


Image 25. Main Menu Item — Grid — History — Current & Voltage

If desired, you can show or hide individual phases by clicking on the corresponding entries in the legend.

5. Weather

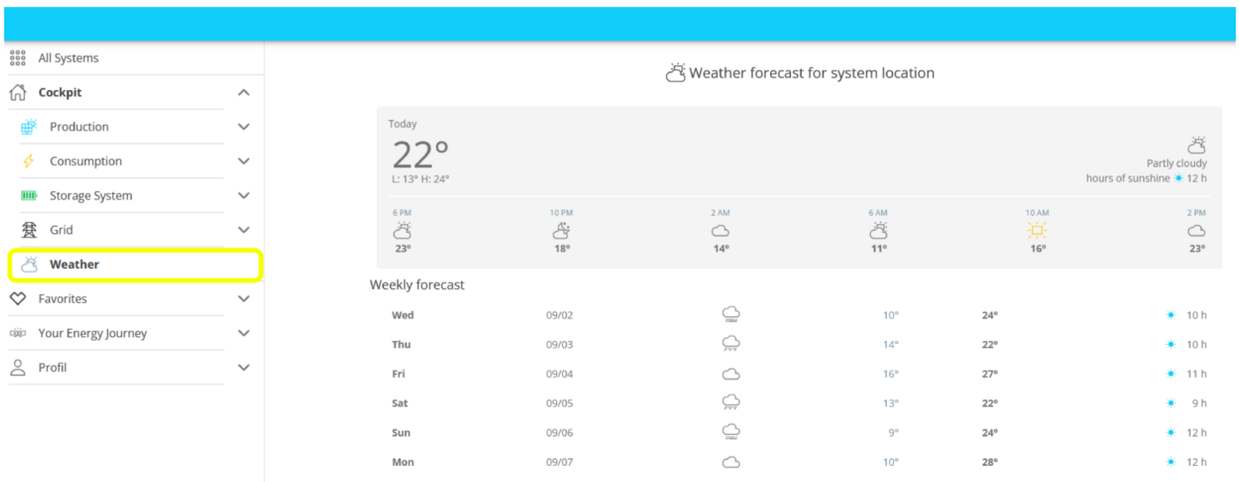


Image 26. Main Menu Item — Weather — Main Window

The *Weather* main menu item displays the weather at the system location in its main window, provided you have installed the FEMS App Weather app.

You'll also receive a weather forecast for today and for the coming days.

6. FENA

FENA stands for Heckert Solar Assistant and is a smart assistant that helps you optimize your energy management and provides you with helpful information. Currently, FENA provides information and forecasts, e. g. *Emergency power active: Your Heckert Solar system is currently supplying power to your consumer loads from your storage*. Additional features will be added at a later date.

Fahrplan

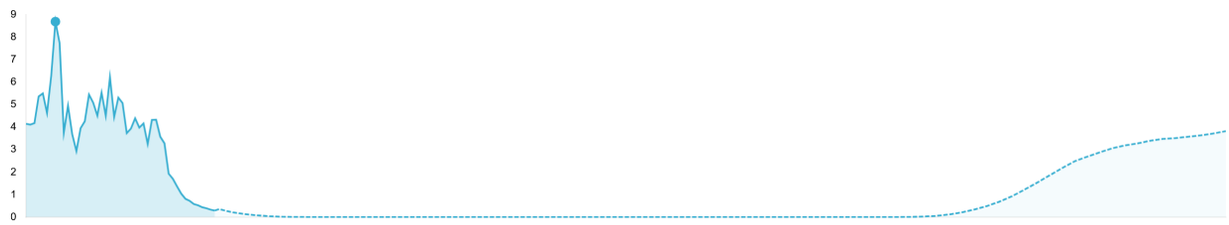
Der Fahrplan zeigt die (in der nahen Zukunft) liegenden Werte des Leistungsmonitors sowie weitere relevante Informationen zum Energiemanagement Ihres Systems an.

Je nach installierten EMS-Erweiterungen und Systemkomponenten können die angezeigten Graphen bzw. Informationen variieren.

Hierbei reicht der Blick 4 Stunden in die Vergangenheit und 20 Stunden in die Zukunft.

So wird beispielsweise eine im Zeitplan definierte Aufgabe wie *Schnellladen meines Elektroautos ab 17:00 Uhr* in den Verbrauchsgraphen einbezogen. Die Installation der FEMS App Weather verbessert die Erzeugungsprognose erheblich, ist aber nicht zwingend für eine Prognose erforderlich. Der Strompreis stammt beispielsweise aus der FEMS App Time-of-Use Tariff usw.

Fahrplan — Erzeugung



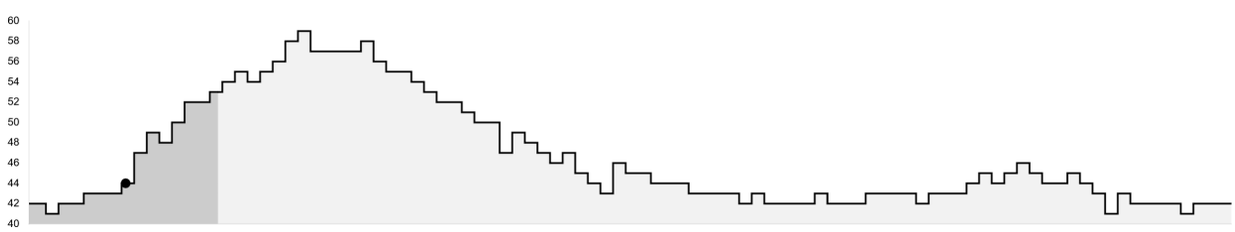
Erzeugungsübersicht und -prognose. Angaben in kW.

Fahrplan — Verbrauch



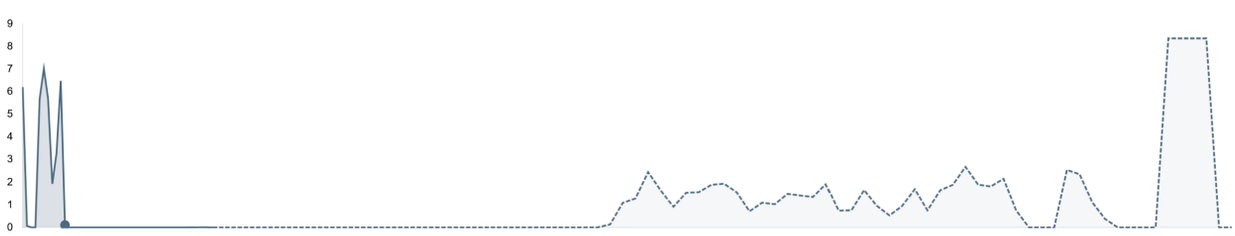
Verbrauchsübersicht und -prognose. Angaben in kW.

Fahrplan — Strompreis



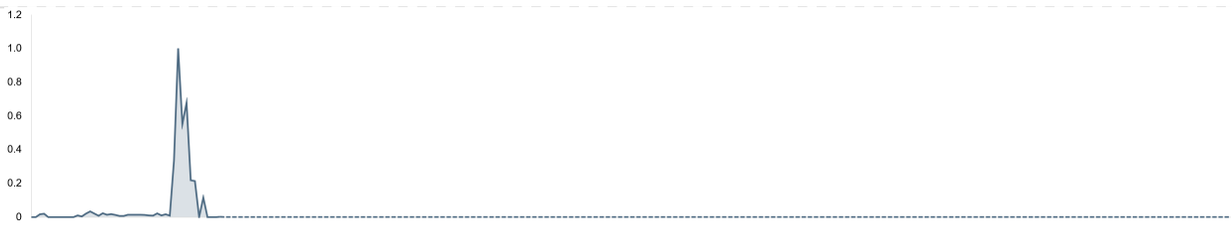
Strompreisübersicht und -prognose. Angaben in ct/kWh.

Fahrplan — Netzbezug



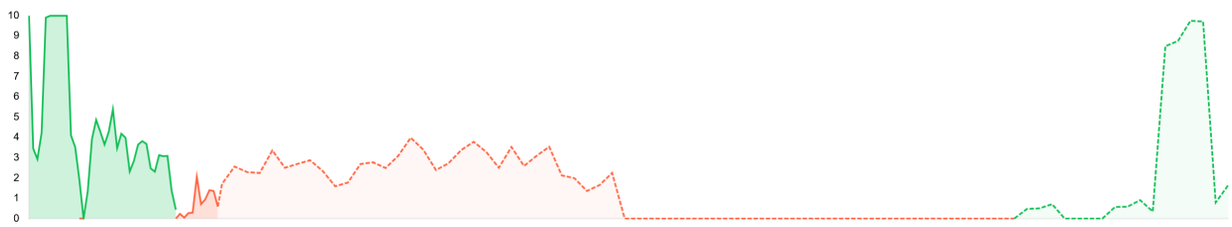
Netzbezugsübersicht und -prognose. Angaben in kW.

Fahrplan — Netzeinspeisung



Netzeinspeiseübersicht und -prognose. Angaben in kW.

Fahrplan — Be-/Entladung



Be-/Entladungsübersicht und -prognose. Angaben in kW.

Fahrplan — Ladezustand



Ladezustandsübersicht und -prognose. Angaben in %.

Fahrplan — Systemmodi



Entladung verzögern Eigenverbrauchsoptimierung Beladung aus dem Netz

Die hier angezeigten Systemmodi basieren auf Prognosedaten und werden durch eine intelligente Steuerung des Energiemanagementsystems automatisiert bestimmt.

Favorites

Nutzer mit dem Zugriffslevel *Eigentümer* haben die Möglichkeit, Menüpunkte als Favoriten festzulegen. Diese werden dann im Hauptmenü unter *Favoriten* angezeigt.

Hauptpunkte wie Erzeugung, Verbrauch, Netz usw., aber auch eingebundene Komponenten wie eine Ladestation können als Favoriten festgelegt werden. Auch bestimmte Unter-Seiten wie *Historie* können einzeln favorisiert werden, werden jedoch als "anhängig" von der Hauptseite betrachtet: Wird der Menüpunkt favorisiert, werden die darunterliegenden Menüpunkte ebenfalls favorisiert.

1. By default, Overall History of Your Energy Journey is set as a favorite. The following section explains how to set additional favorites.

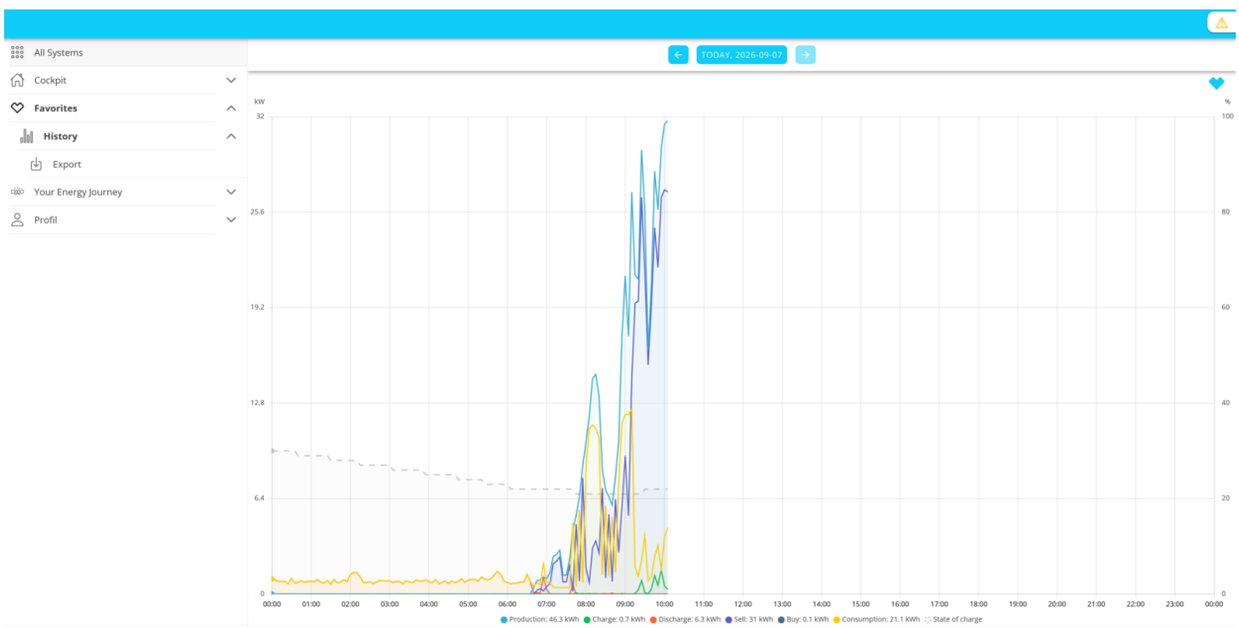


Image 27. Favorites — Default Page

2. Navigate to the desired page in the Heckert Solar app. In this example, go to a KEBA wallbox, which can be found under the main menu item *Consumption*.
3. Activate the heart icon to add the page to Favorites:



Image 28. Add to Favorites

4. The page now appears in the navigation bar under *Favorites*.
5. To remove the page from your favorites, activate the heart icon again. The page will then no longer appear in the navigation bar under *Favorites*.

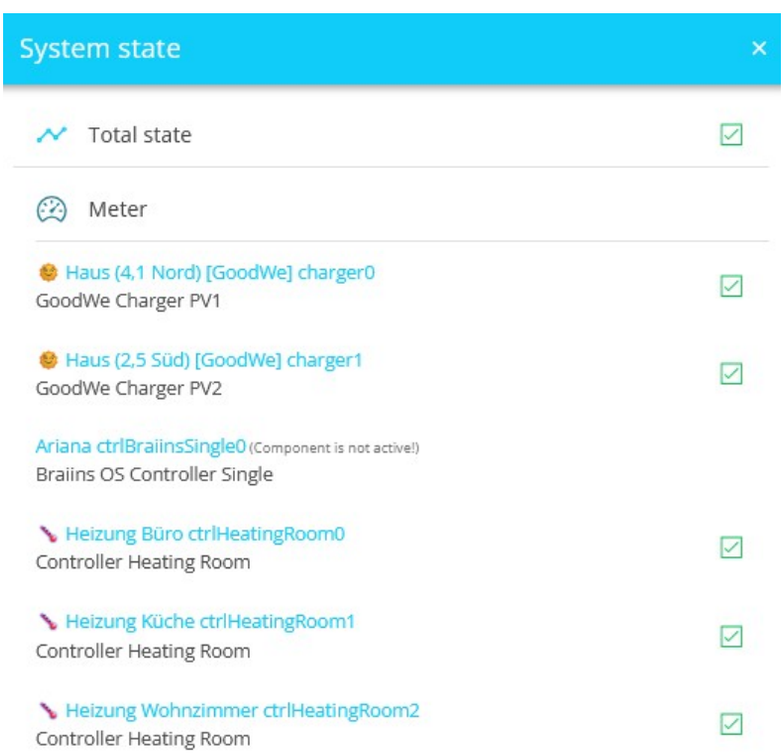


Image 29. Main menu item — Favorites — Main window with Favorites

System status

The system status display is located in the upper-right corner of the cockpit. Clicking the ☑ takes you to an overview of all system components and their statuses:





Continue your Energy Journey and expand your system—e. g. with additional storage capacity, heating elements, heat pumps, wall boxes, and the corresponding FEMS Apps. You'll get an overview of your Energy Journey so far, and you'll also see the next steps for expanding your system in a meaningful way.

History of Your Energy Journey

The *History* submenu item displays graphical data for your system regarding:

Production, Charging, Discharging, Grid feed-in, Purchased from grid, Consumption, State of Charge (SoC, dashed line)

You can choose between the time periods *Day*, *Week*, *Month*, *Year*, and *Total Period*. You can also display a custom (different) time period. The values are displayed in kWh.

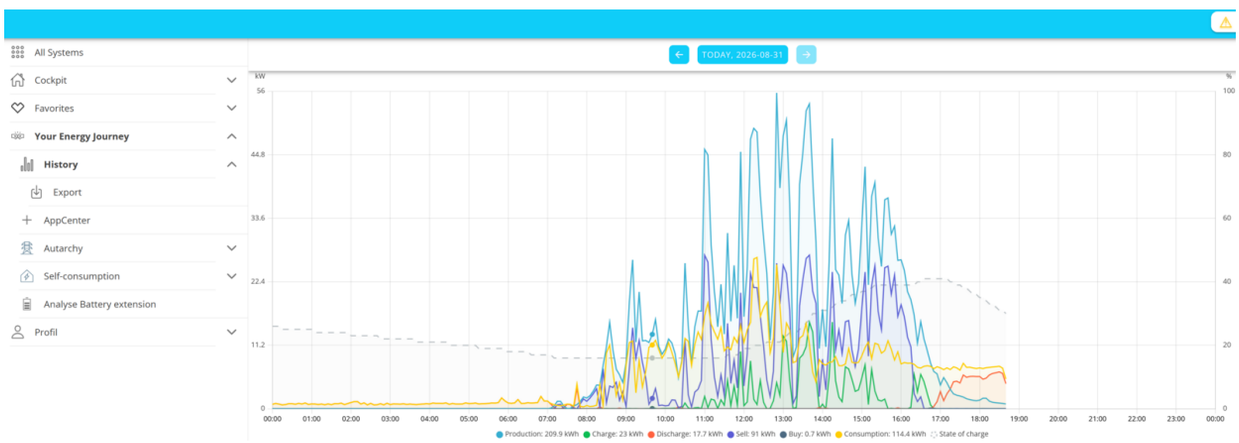


Image 30. History — Daily View

Clicking or tapping on the respective value in the legend hides or shows the corresponding graph.

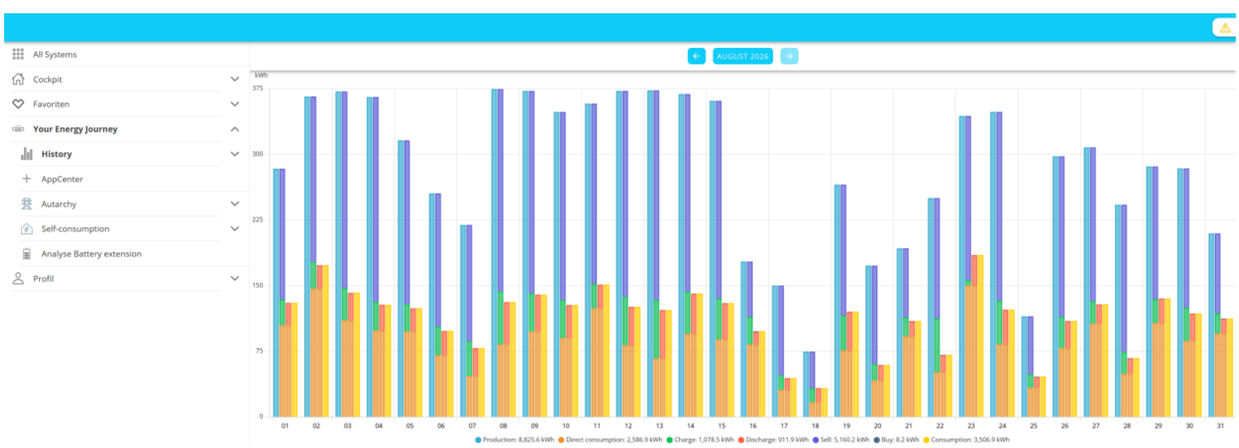


Image 31. History — Monthly View

In the monthly and annual views, the State of Charge (SoC) of is replaced by Direct Consumption .

Select *Export* under the History menu item to export the values for the selected time period as an Excel file (.xlsx). By default, the file is located in your device's Downloads folder. The file name includes the FEMS number and the time period for which the values were exported.

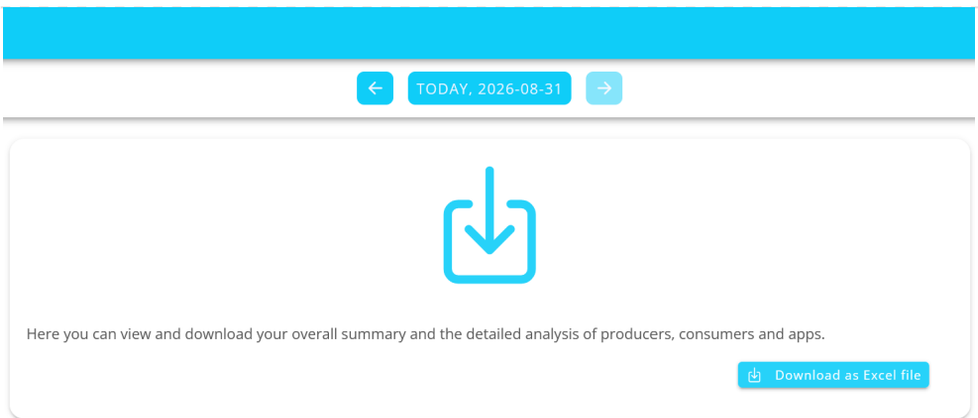


Image 32. History — Export

FEMS AppCenter

The AppCenter for registering, redeeming, and managing license keys can be found in the main menu under *Your Energy Journey*:

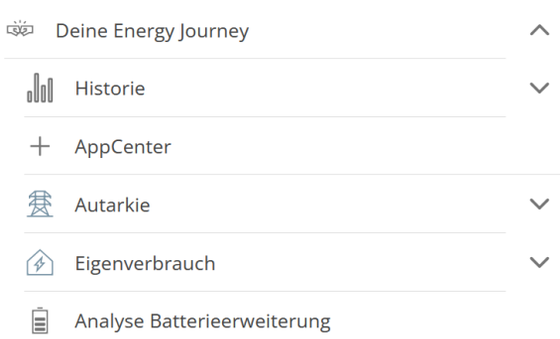


Image 33. Hauptmenüpunkt Energy Journey — FEMS AppCenter im Untermenü

You will then see the AppCenter in the main window:

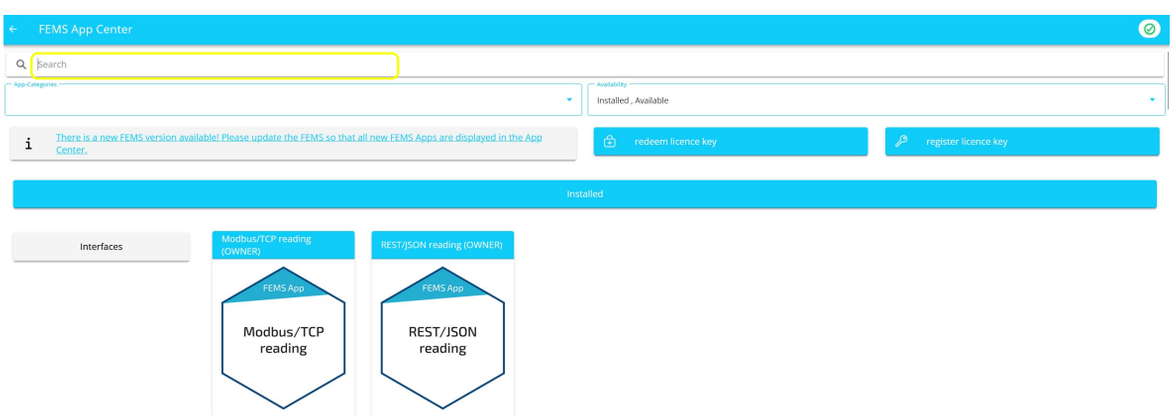


Image 34. FEMS AppCenter — Hauptfenster

From there, you can continue with the AppCenter features.

Autarky

This main menu item is part of the Energy Journey and displays your self-sufficiency rate as a percentage. The autarky rate describes the proportion of your total energy consumption that is met by your own self-consumption. The higher the autarky rate, the less dependent you are on external energy sources.

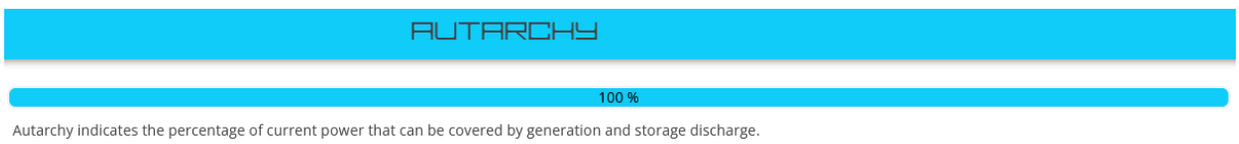


Image 35. Main Menu Item — Autarky — Main Window

You can also view an Autarky history. Here, you can choose between *Day*, *Week*, *Month*, *Year*, and the *Total Period*. You can also view a custom (different) time period.

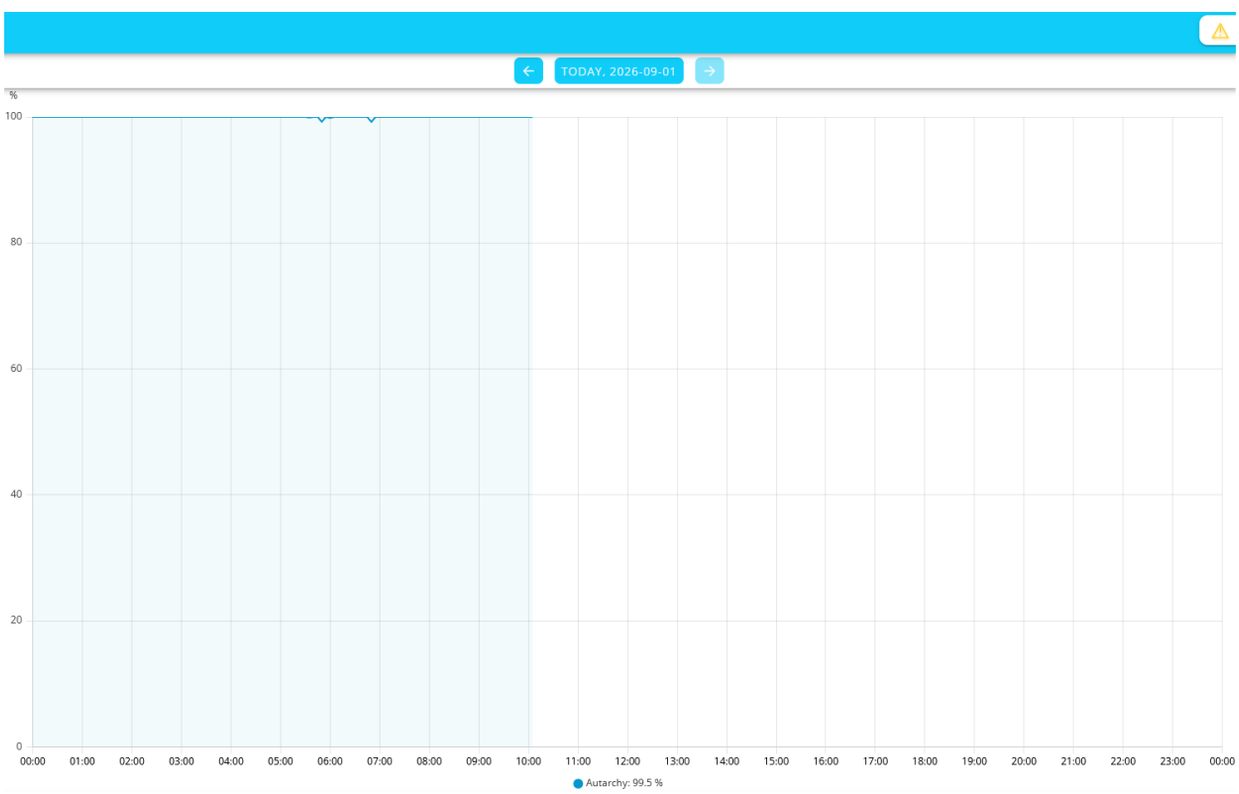


Image 36. Main Menu Item — Autarky — History

Self-consumption

Self-consumption indicates the percentage of the power currently being produced that is consumed for direct consumption and for battery charging.

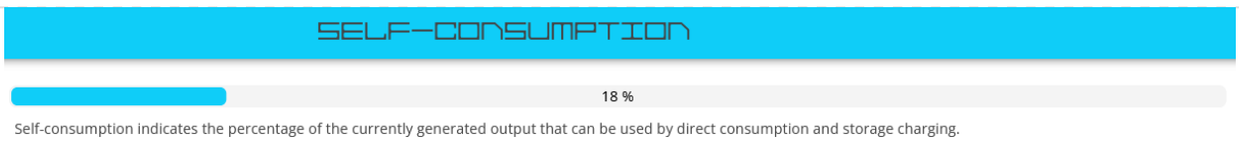


Image 37. Main Menu Item — Self-Consumption — Main Window

Self-consumption also has a *historical view*:

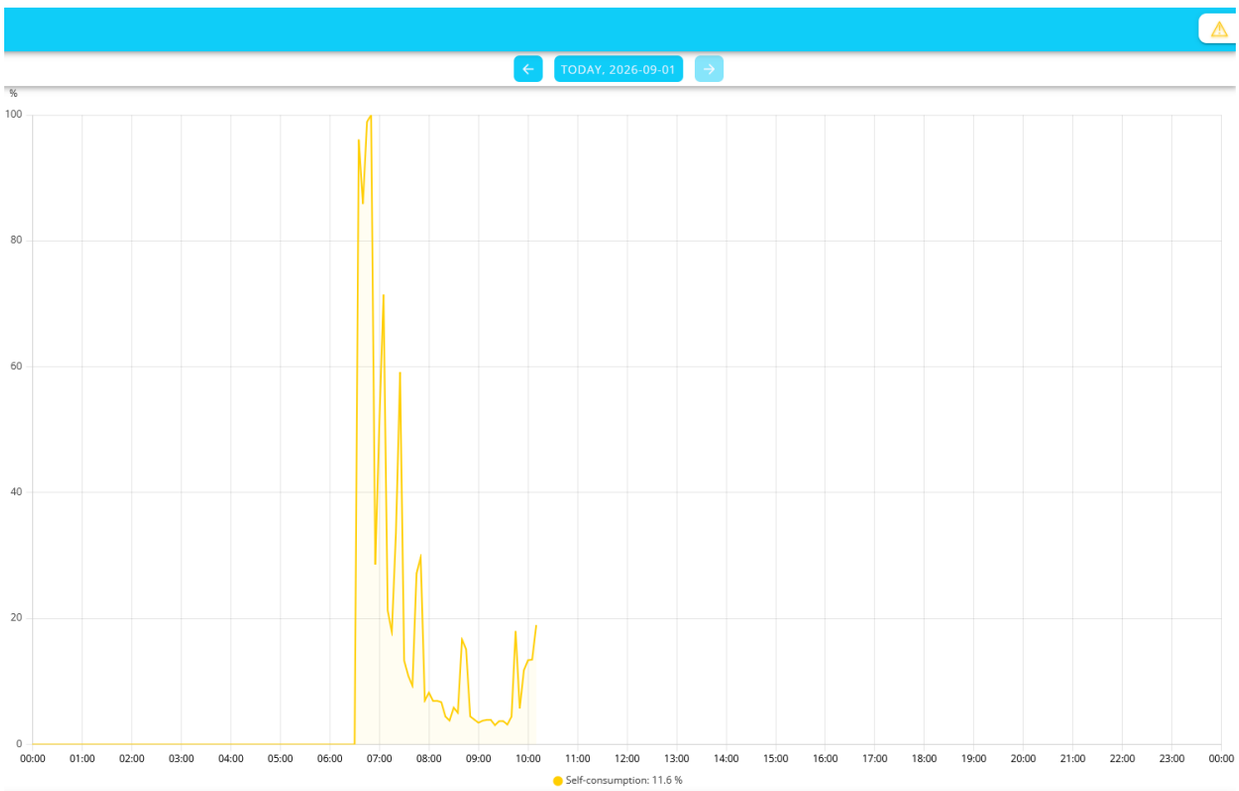


Image 38. Main Menu Item — Self-Consumption — History

If there was no production, there can be no self-consumption! Therefore, self-consumption is only shown in the chart if there was also production at that time.

Analysis of Battery Expansion

The battery expansion analysis shows you how expanding your battery system would affect your energy self-sufficiency. You'll receive step-by-step instructions and visualizations to help you find the optimal system configuration for your needs.

1. Start the analysis by clicking **[VIEW ANALYSIS]**.

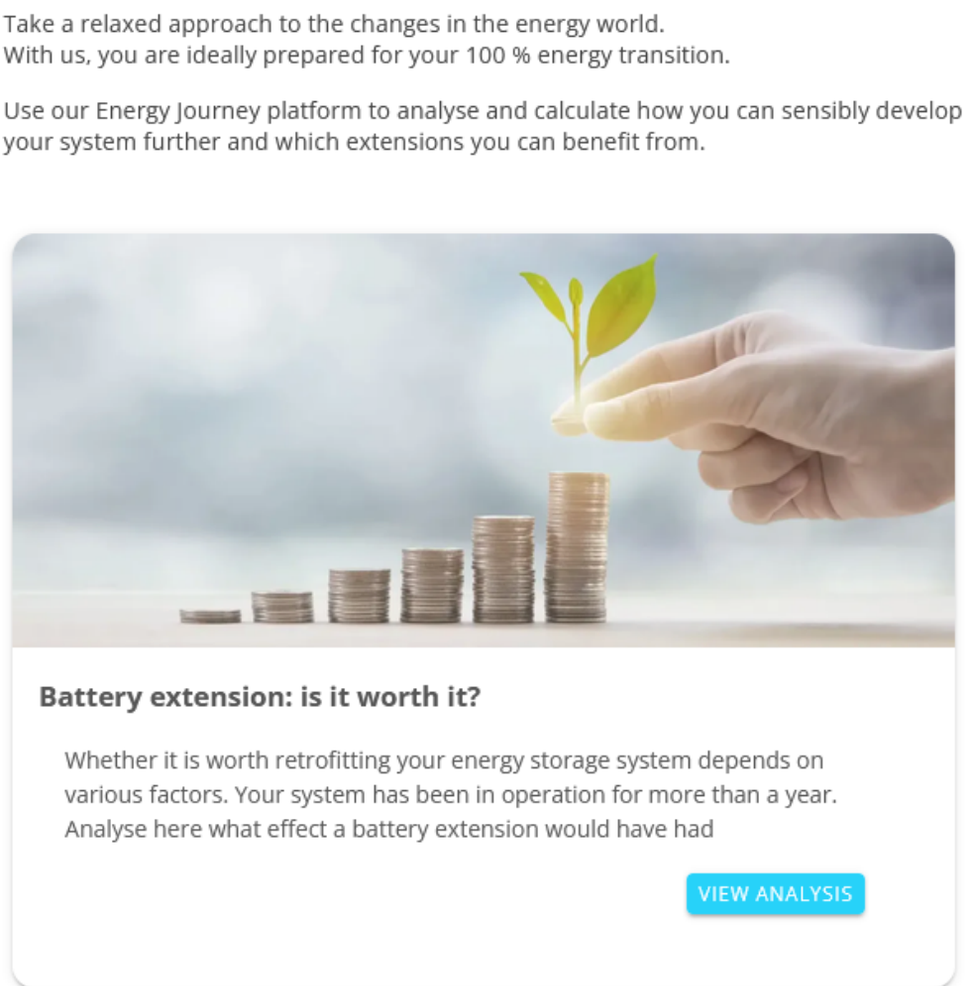


Image 39. Main Menu Item — Battery Extension Analysis — Start

2. Enter your current electricity price in cents per kWh. If you have a time-of-use tariff, enter the average rate. Click the **[START ANALYSIS]**.

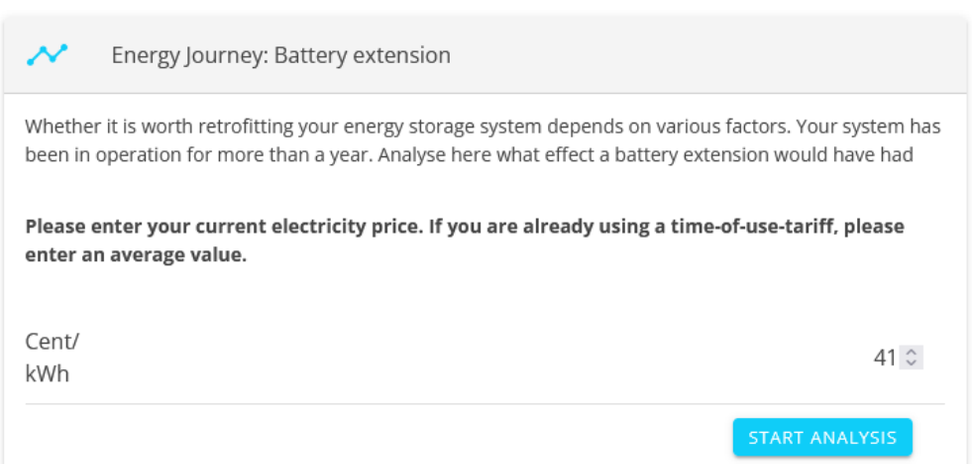


Image 40. Main Menu Item — Battery Expansion Analysis — Step 2

3. You will first receive information for the past year.

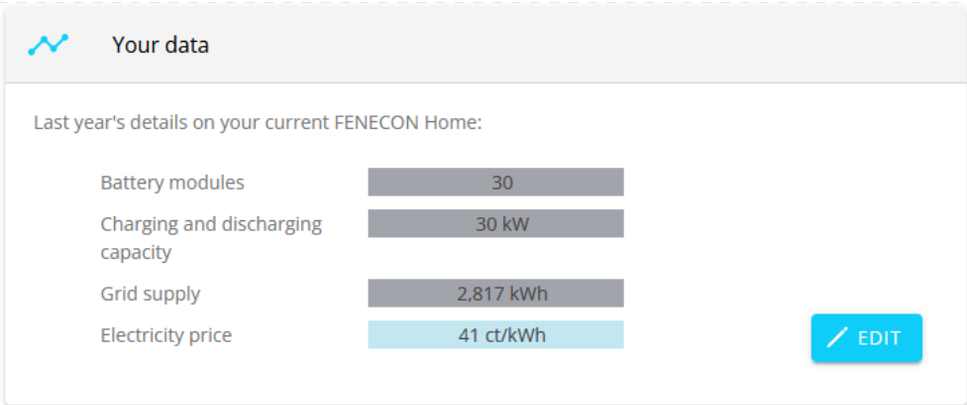


Image 41. Main Menu Item — Battery Expansion Analysis — Step 3

4. The bar chart below shows how many kWh you could have saved during this period with the corresponding battery upgrade.

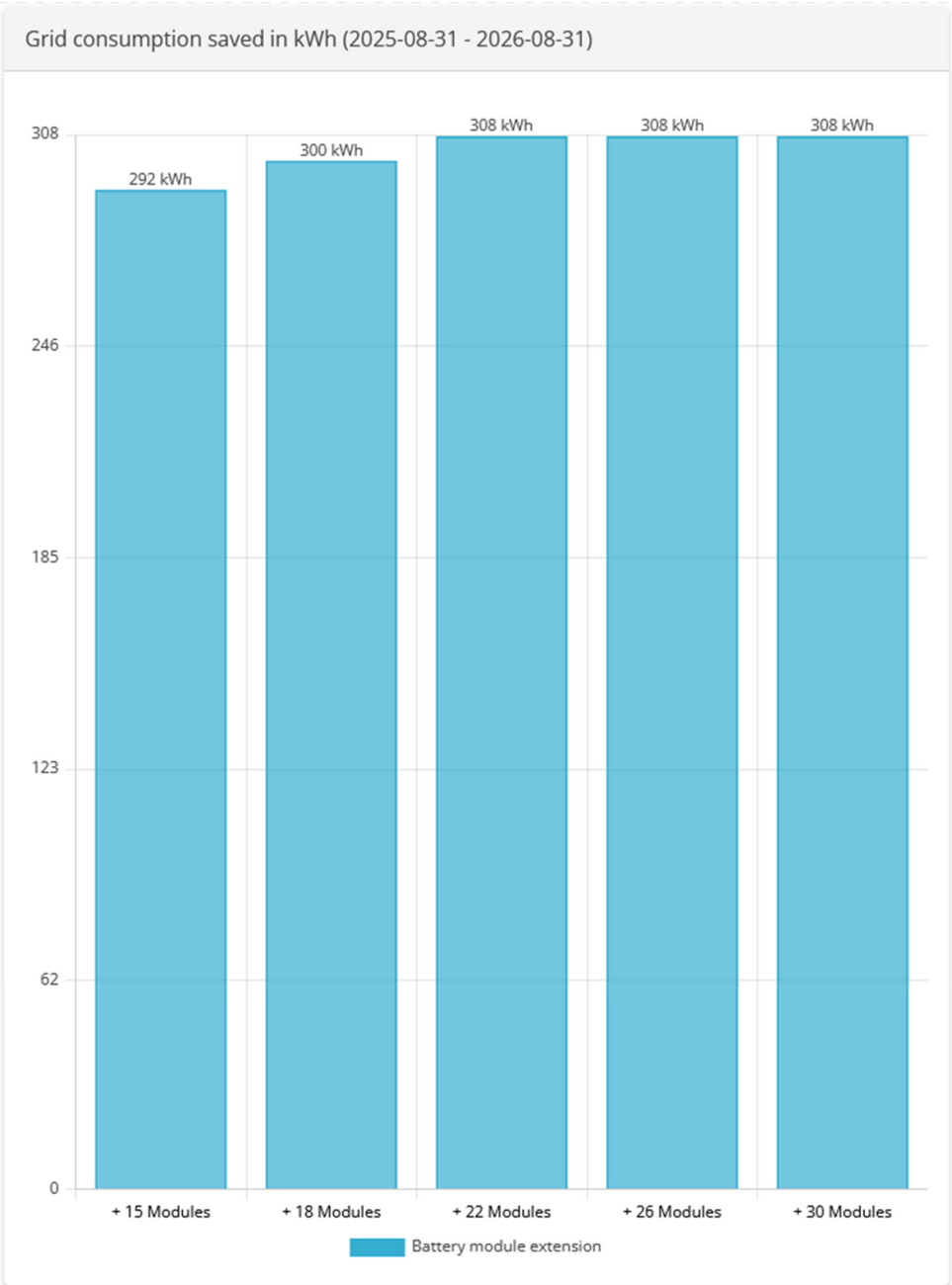


Image 42. Main Menu Item — Battery Expansion Analysis — Step 4

Number of modules	+ 15	+ 18	+ 22	+ 26	+ 30
Savings on electricity consumption in euros:*	119.72	123.16	126.11	126.11	126.11
Charging and discharging capacity of the storage in kW:** (Total)	+ 0.00 (= 30 kW)	- 3.12 (= 26.88 kW)	- 0.88 (= 29.12 kW)	+ 0.00 (= 30 kW)	+ 0.00 (= 30 kW)
Increase in total usable capacity in kWh: (Total)	+ 42.00 (= 126 kWh)	+ 50.40 (= 134.4 kWh)	+ 61.60 (= 145.6 kWh)	+ 72.80 (= 156.8 kWh)	+ 84.00 (= 168 kWh)

* Potential annual savings in euros that would have resulted from a battery extension
Calculation: Your current electricity price multiplied by the electricity savings in kWh per module.

** The charging and discharging power (kW) as well as the emergency power capacity of your storage increases to this value. Detailed information on the values that can be processed on the AC side and the achievable output depending on the number of modules can be found in the product data sheet Home 30

Disclaimer
The calculations in the analysis are based on your information on the electricity price, the grid purchases and the grid feed-in data of your storage system in the past year. These underlying parameters can change at any time. The calculations are therefore only examples that serve as an orientation for the possible profitability of a battery extension and do not guarantee that financial savings can actually be achieved. This does not constitute a guarantee on the part of FENECON.

Image 43. Main Menu Item — Battery Expansion Analysis — Step 5

BETA test video

BETA Test & Next-Level EV Charging

```
<iframe width="950" height="534" src="https://www.youtube-nocookie.com/embed/e83Hfu9aV1c"
loading="lazy" referrerpolicy="strict-origin-when-cross-origin" allow="accelerometer;
autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"
allowfullscreen></iframe>
```

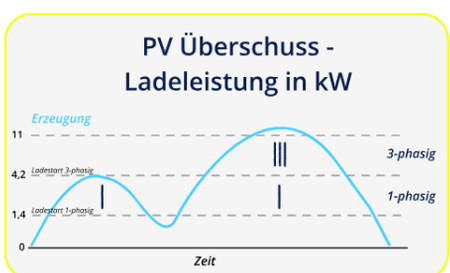
Open video on YouTube

''' <<<

Update history

03.09.2026 — Automatic Phase Switching

In addition to manual phase switching (1- or 3-phase), BETA participants now have the option of automatic phase switching:





The phases are automatically switched based on the charging power. This allows even a small amount of excess PV power to be utilized.

- The *Fast Charge* mode always uses 3 phases.
- Your vehicle must support dynamic phase switching.

- The switching times depend on the wallbox and its internal logic.

- The phase switching may take a few minutes.

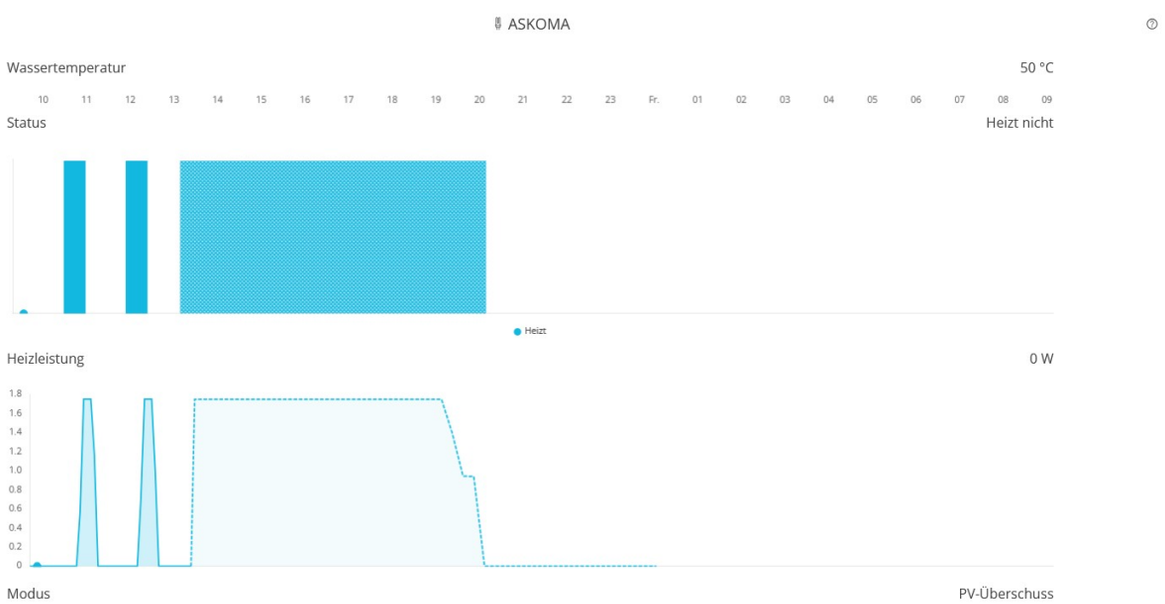
21.07.2026 — ASKOMA & my-PV — New Timetable Visualization

The heating element integrations for ASKOMA and my-PV now feature new visualizations in the schedule, as shown here using ASKOMA as an example:

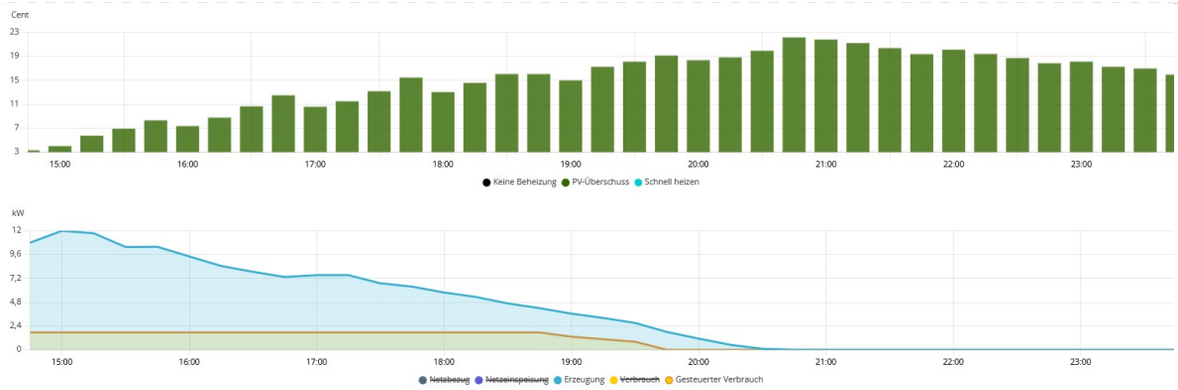
You can access the visualization via the **ASKOMA chip in the side menu** of Online Monitoring:



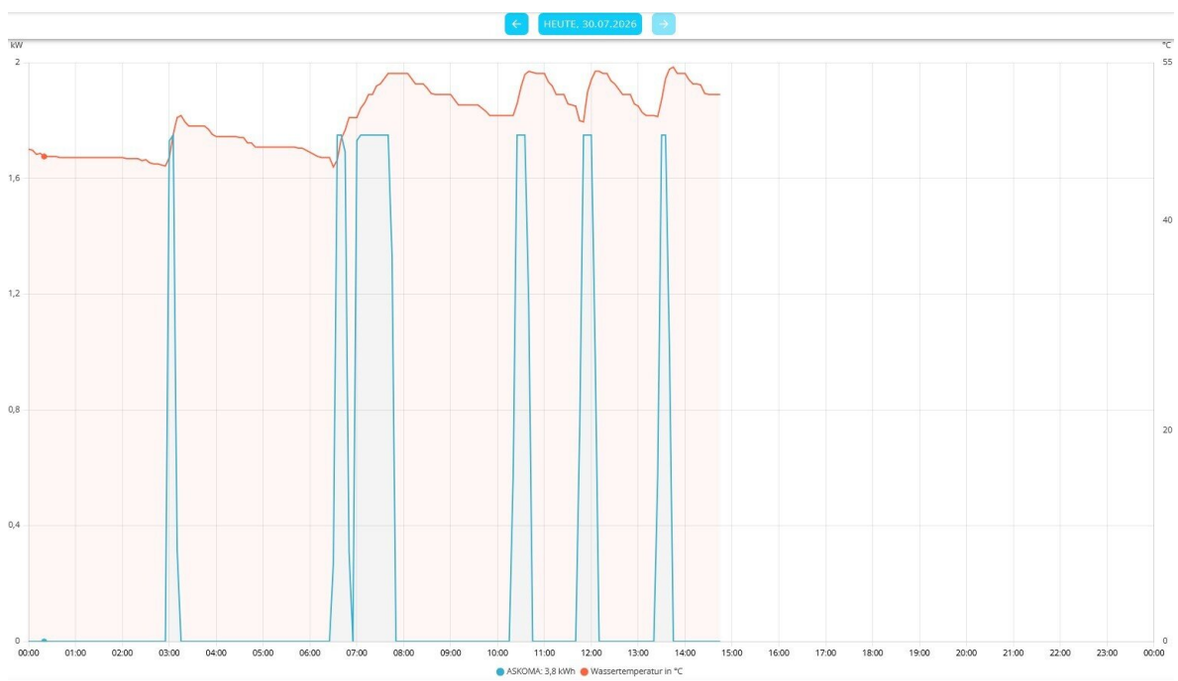
The ASKOMA main window then displays the status, the current heating output, and the current mode (e. g. PV surplus):



Forecast

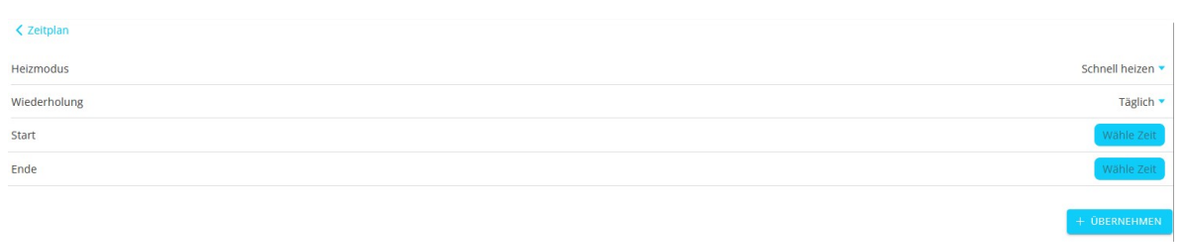


History



Schedule

In the main window of the Schedule Chip, you can set the **Active Mode** of the heating element, which differs from the base mode:



1. First, select the desired temporary heating mode, e. g. **Quick Heat**.
2. Then select the recurrence, e. g. **Daily**.

3. Finally, set the **Start** and **End** times using the selection dials:



You can scroll through the hours and minutes on the computer using the mouse wheel.

4. *+ APPLY* the settings.

The heating element **settings** have also been given a new visual design:



Here, you can set the **Base mode** for your heating element.

13.07.2026 — Negative electricity market prices with FEMS App Grid-Optimized Charging — EEG 2025

- The app is available for download **in Germany**.
- The app can be found in the new "Feed-in tariffs" category in the App Center.
- The download is free.

Energy Scheduler V2 must be running for the installation.

The "EEG 2025" app is available for installation by owners who are already participating in the BETA test. Currently, this requires an existing installation of the FEMS App Time-of-Use Tariff app.

After installing the "EEG 2025" app, the zero remuneration for negative electricity prices on the exchange is taken into account in the energy schedule for Grid-Optimized Charging.

16.06.2026 — Optimization of FEMS App Grid-Optimized Charging

The FEMS App Grid-Optimized Charging has been optimized for negative electricity market prices (EEG 2025).

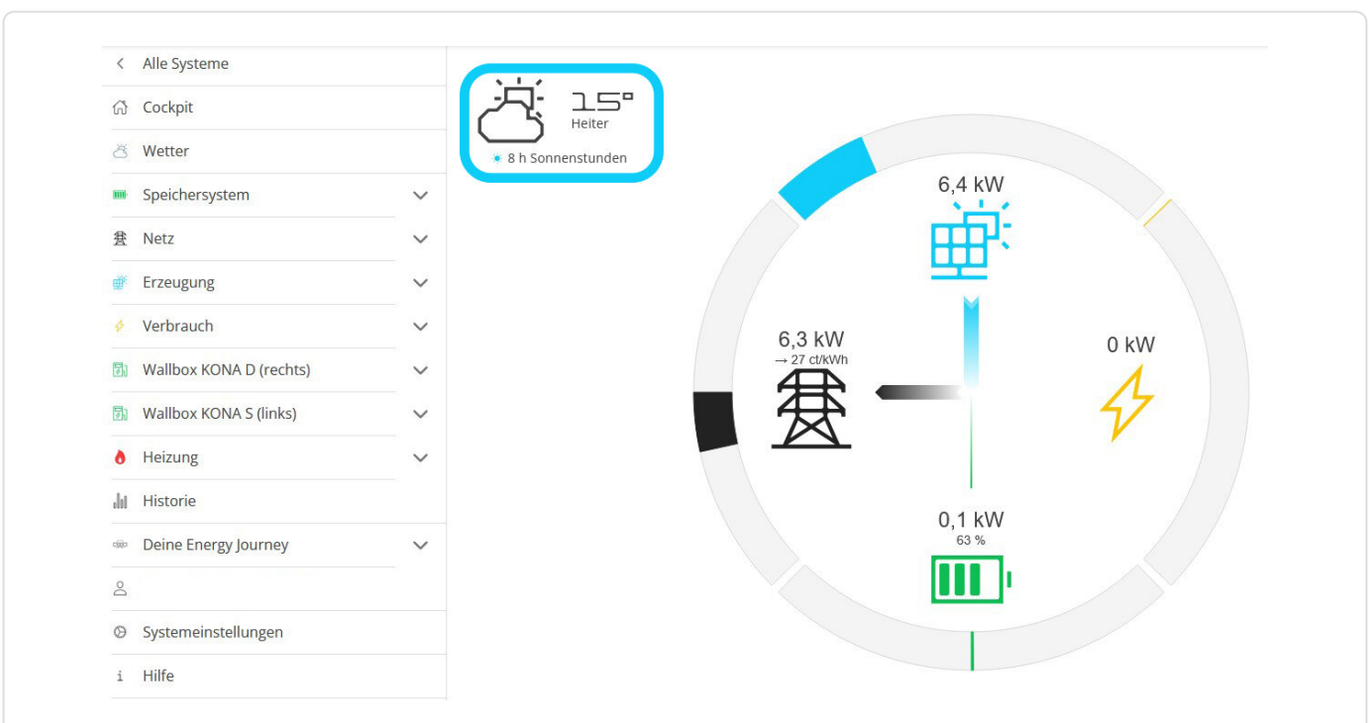
The "EEG 2025" App was developed for this purpose.

The app will be available for free at a later date.

Migration of Widgets

Weather Widget in the Cockpit

Currently available only in the desktop version, the weather widget now has a visualization in the Online Monitoring Cockpit:



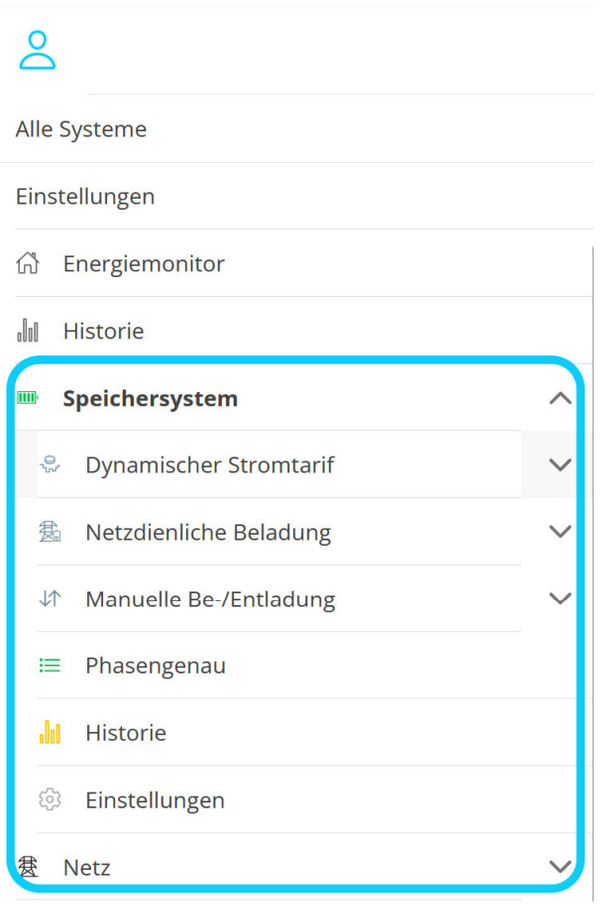
Peak Shaving — Symmetric and Asymmetric

Relay Control

12.05.2026 — Migration: System-on-a-Chip

The following widgets, which were previously moved to the tree navigation in the side menu, are now listed under *Storage System*:

- Grid-Optimized Charging
- Time-of-Use Tariff
- Manual Charging & Discharging



The following chips have been **newly added**:

- Autarky
- Self-consumption
- Weather Forecast (if installed)
- Heating element
- Askoma Heating Element
- Threshold Control

With a few exceptions, all widgets have been moved to the tree navigation as chips.

Time-of-use Tariffs: Energy Scheduler v2

- The field test is already using the new "Energy Scheduler v2."

In addition, thanks to a report from the community, an error in the processing of negative electricity prices was

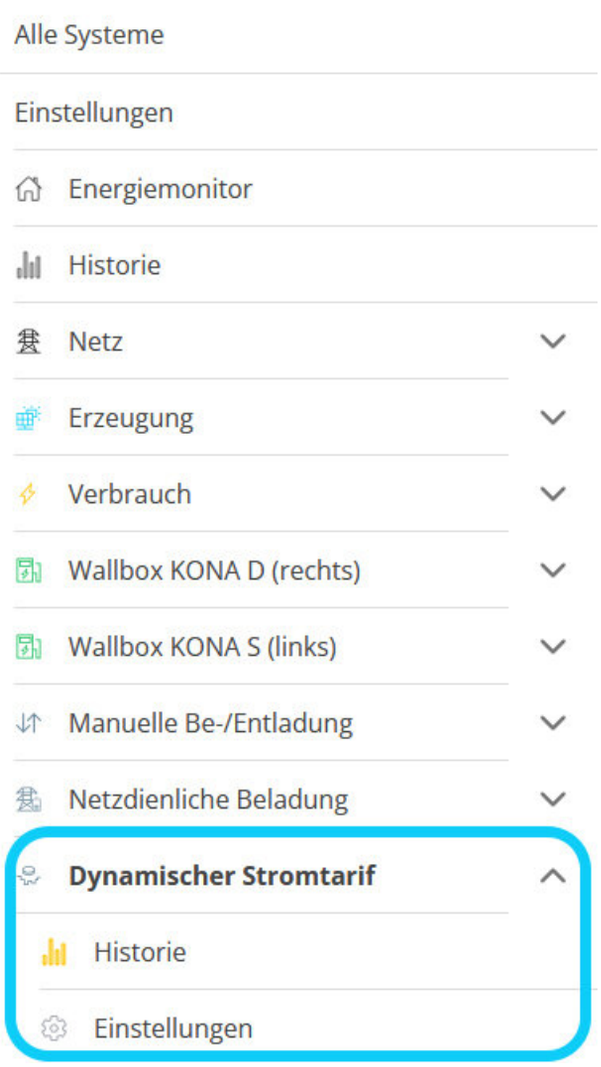
fixed.

28.04.2026 — Migration: New Tabs in the Tree Navigation

The *Time-of-Use Tariff*, *Grid-Optimized Charging*, and *Manual Charging/Discharging* chips have been integrated into the tree navigation. The main window of each chip allows you to control the respective functions and, if available, view the history.

Time-of-Use Tariff

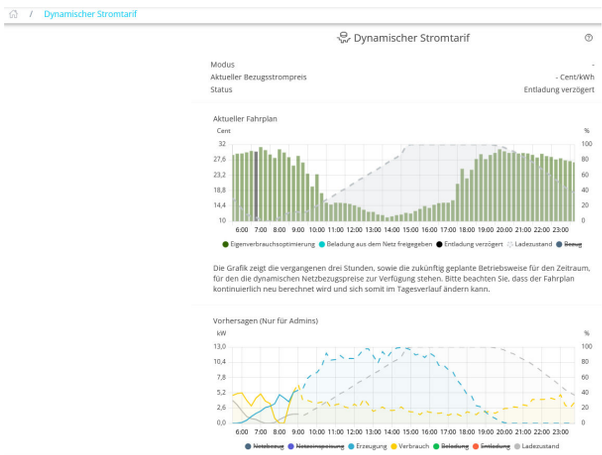
The *Time-of-Use Tariff* widget as a chip in the tree navigation:



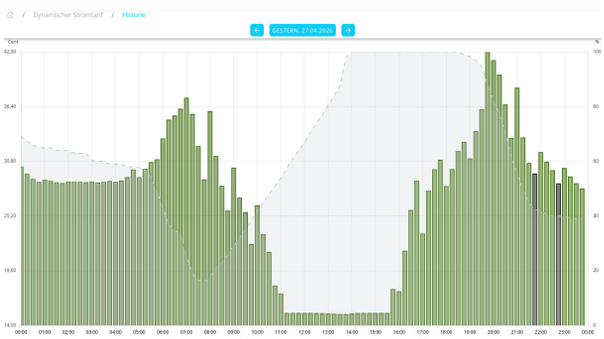
A simple click or tap on the chip opens its main window, which displays, among other things, the current purchase price and information *about your current schedule*.



More information about the schedule will be provided at a later date.

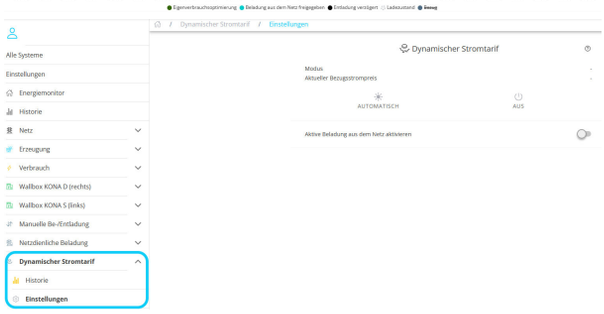


Click or tap *History* to view the history of the time-of-use tariff in the main window. As usual, you can use the blue buttons above the graph to select the desired date or time period.



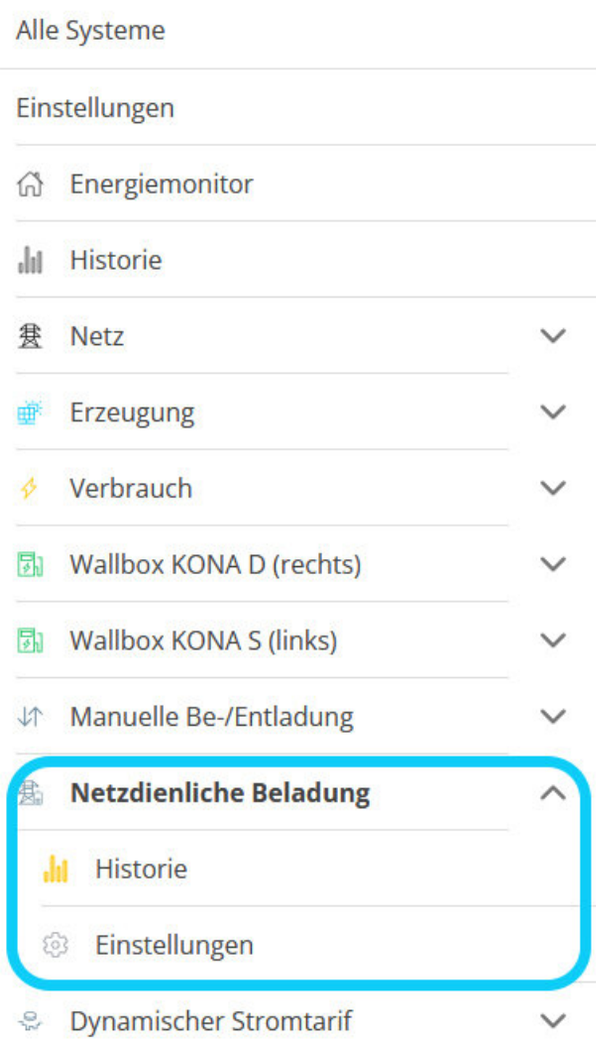
Under *Settings*, you can set the option to *OFF* to disable optimization based on a time-of-use tariff. Your system will then operate in Self-Consumption Optimization mode; prices will continue to be recorded.

Select *AUTOMATIC* to enable automatic optimization. If desired, the *Active Charging from the Grid* function can be enabled via a toggle switch.

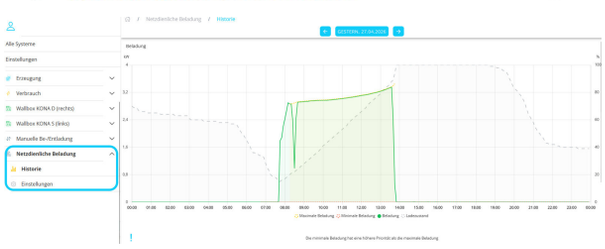


Grid-Optimized Charging

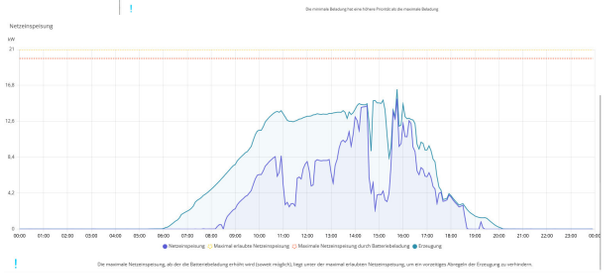
The *Grid-Optimized Charging* widget as a chip in the tree navigation:



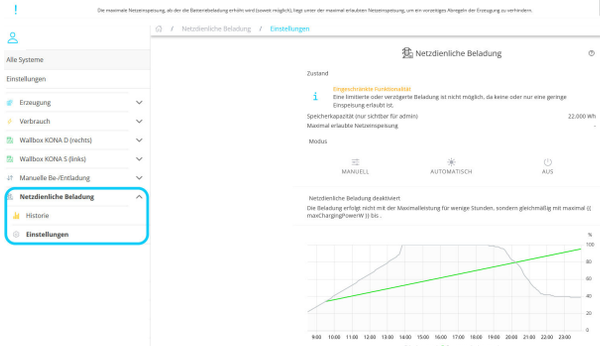
Click or tap *History* to view the charging history in the main window:



Scroll or swipe down to view the grid-friendly charging history:

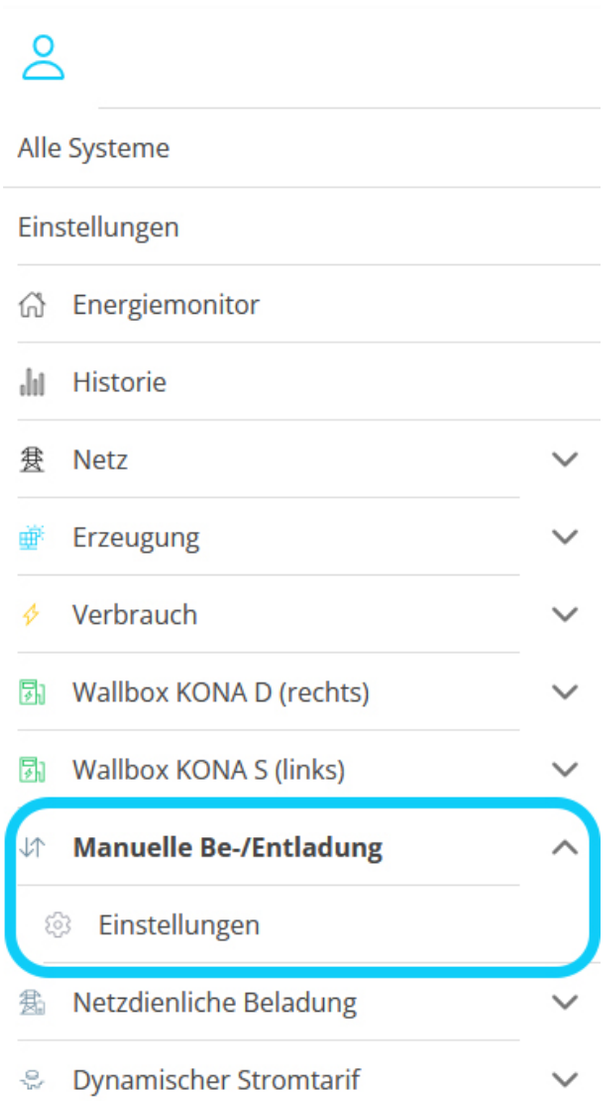


Via *Settings*, you can enable or disable Manual Charging & Discharging and set the power level:



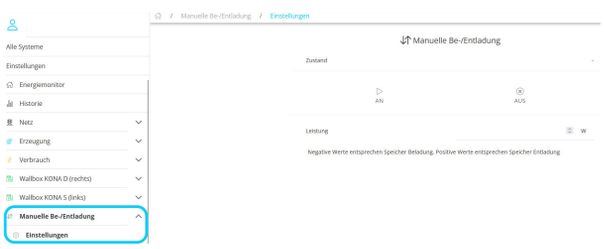
Manual Charging & Discharging

The *Manual Charging/Discharging* widget as a chip in the tree navigation:



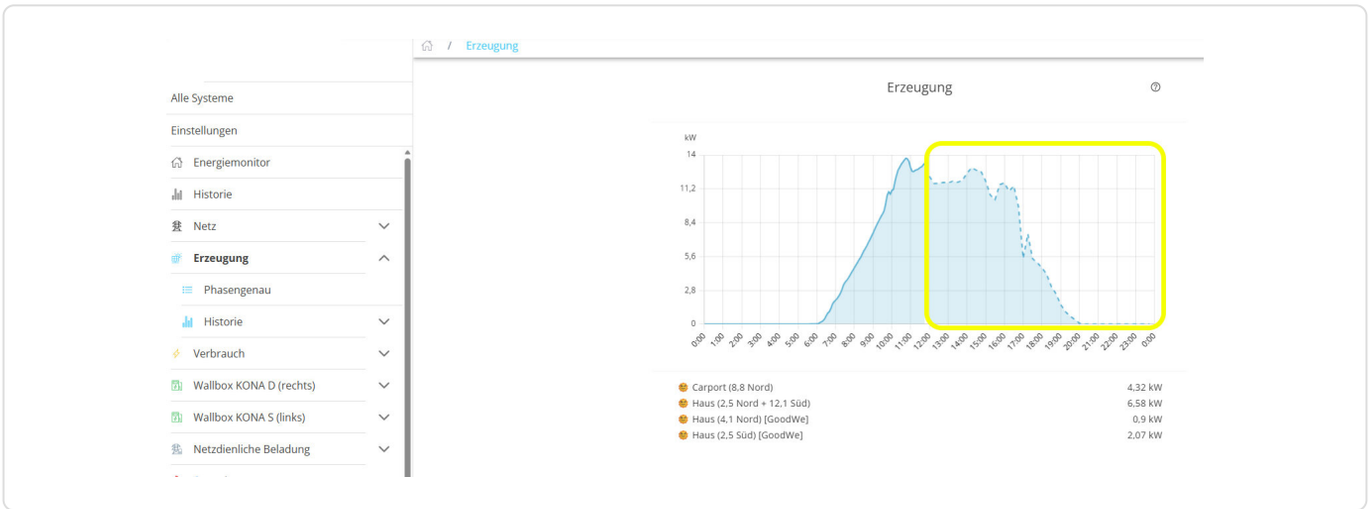
This widget is currently available to users who had already installed the *Manual Charging/Discharging* feature before switching to the BETA app. We are currently working on making it available to all users.

In *Settings*, you can enable or disable Manual Charging & Discharging and set the power level:



14.04.2026 — Production Chip: Forecast

The main window now displays a forecast of production as a dashed line on the graph:

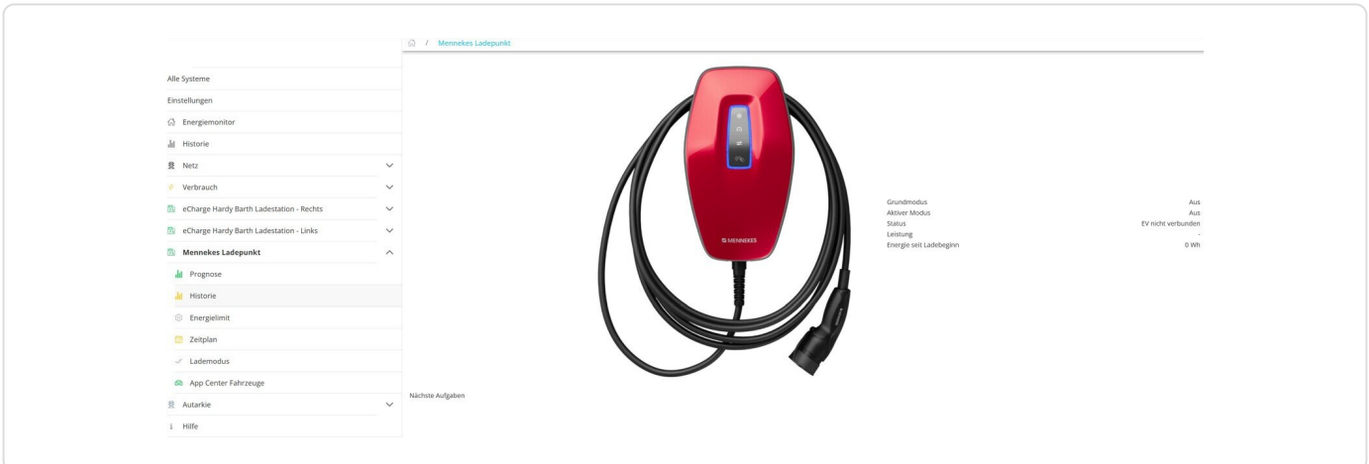


Migration of the "myPV" and "ASKOMA" Widgets

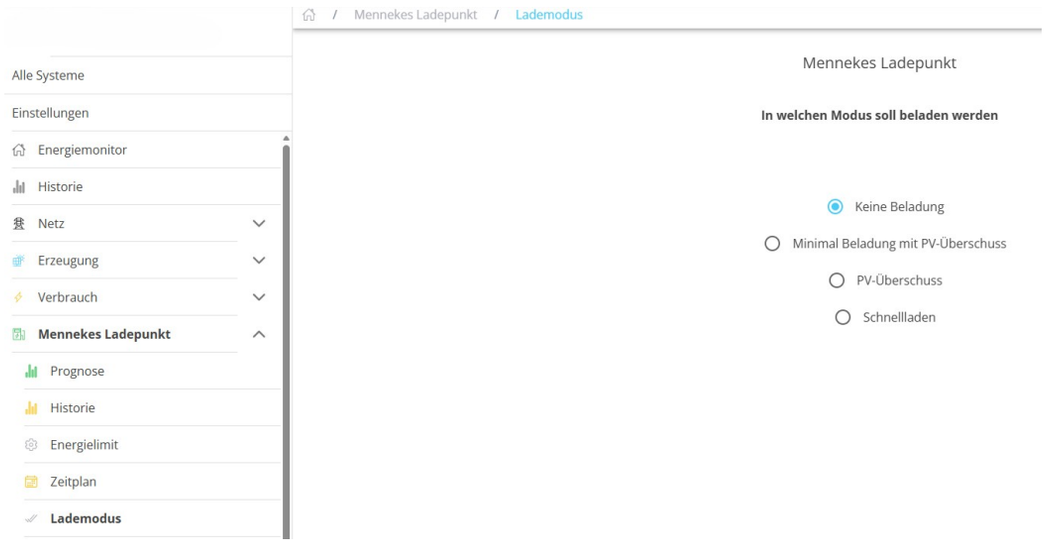
The widgets for the two power-to-heat apps have now been implemented as chips.

31.03.2026 — Implementation: MENNEKES Charging Station

For participants in the BETA field test, the *Mennekes Charging Station* tile has been available in the side menu of the tree navigation since the EMS version 2026.3.3, released on 31.03.2026:



You can also select the charging mode for the MENNEKES Charging Station:



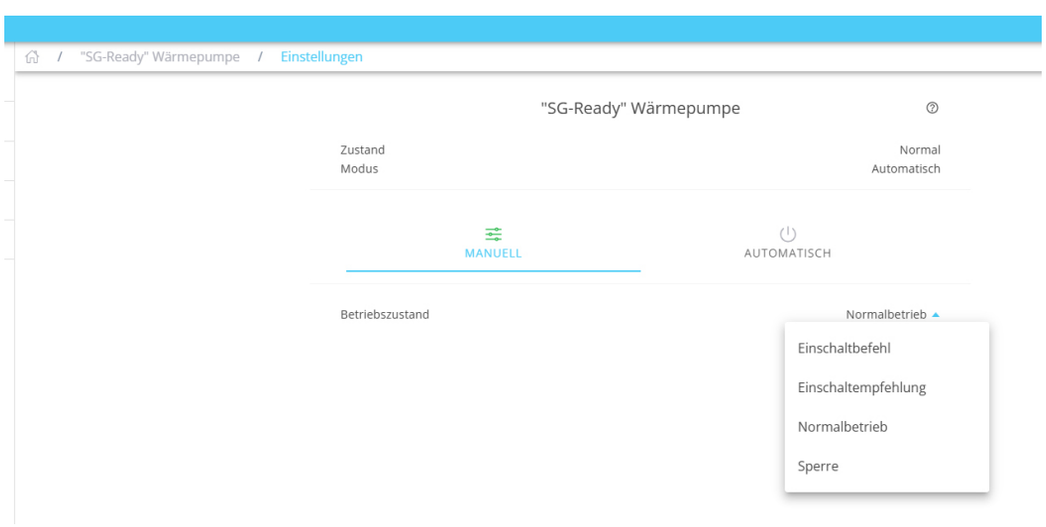
Schedule: Weekly Review

The schedule for the MENNEKES Charging Station now also supports the *Weekly Recurrence* option:



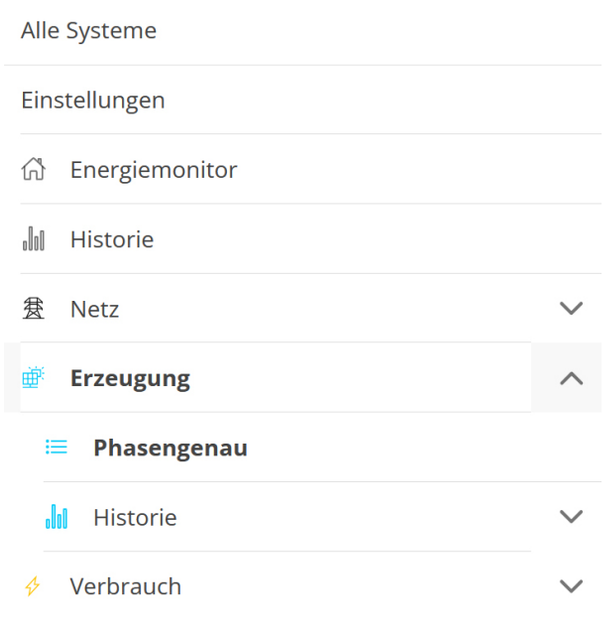
Migration of the FEMS App Heat Pump Widget

The FEMS App Heat Pump has been integrated into the tree navigation as a chip. The chip's main window allows you to control the heat pump:

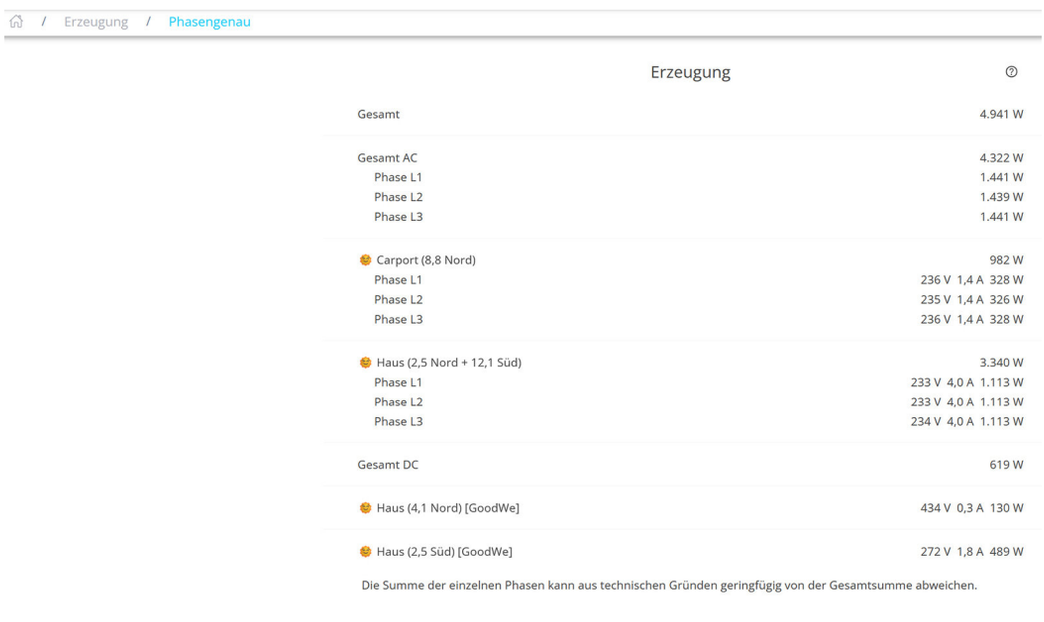


24.03.2026 — Chip: Production

The *Production* widget can now be found as a chip in the side menu within the tree navigation:

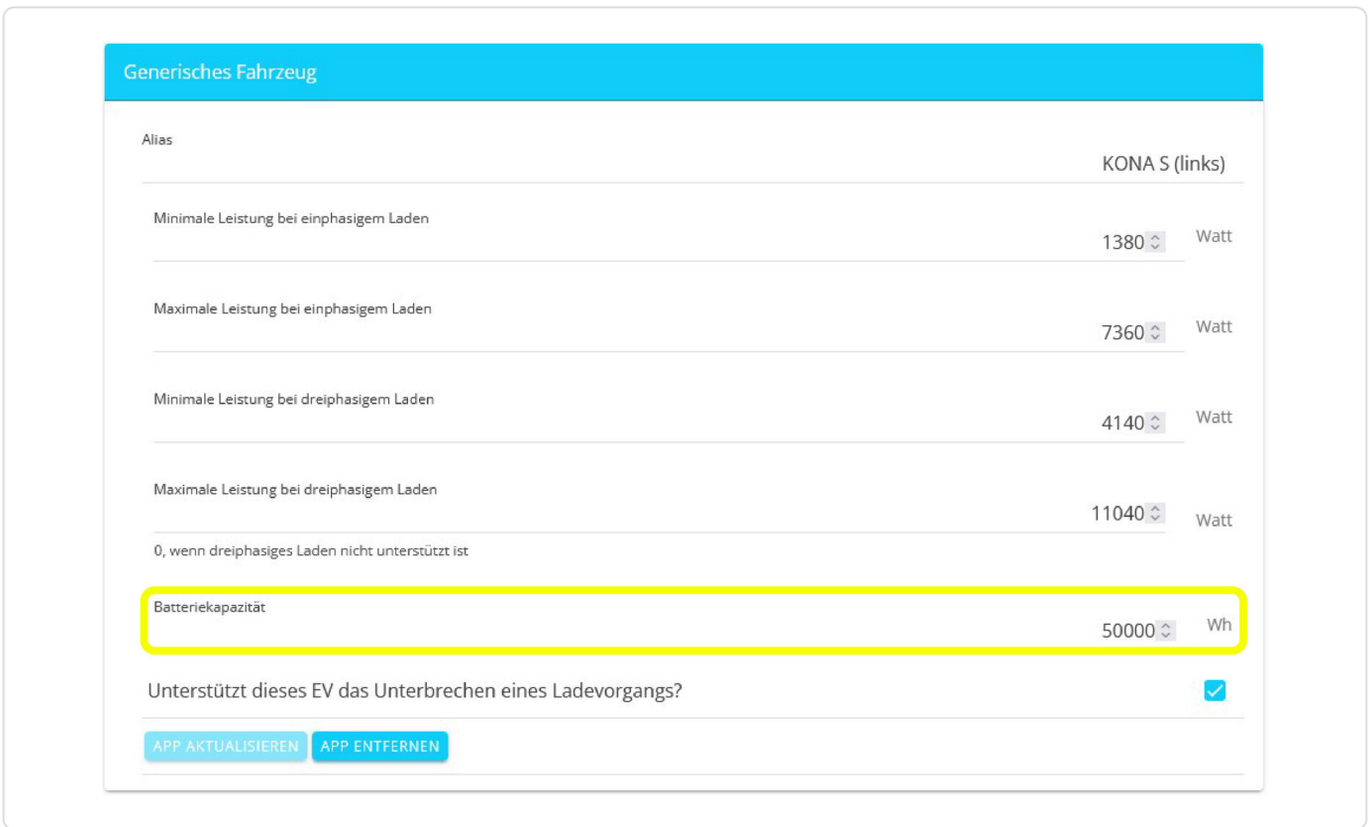


When you activate the chip, the following main window will appear:



23.03.2026 — Schedule Improvements

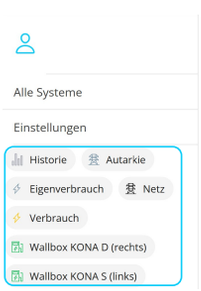
In the Vehicle App Center, you can now specify the battery capacity under "Generic Vehicle." This helps improve the Schedule:



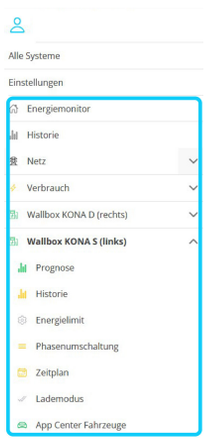
03.03.2026 — Desktop: Chips as a menu tree

In the desktop version, widgets and chips are now displayed in the side menu as part of a tree-style navigation:

Previous layout



New layout



→ The layout of the mobile version remains unchanged.
→ You can now access other main views via the side menu without using the breadcrumbs.

Display — Charging power in watts

In the main view of your wallbox, the current charging power in watts is now displayed under *Power*:



Grundmodus	PV
Aktiver Modus	Aus
Status	EV nicht verbunden
Leistung	0 W
Energie seit Ladebeginn	0 Wh

24.02.2026 — Bug fixes

1. Troubleshooting Phase Detection.
2. General Troubleshooting for Switching to the BETA app
3. **Bug fix** After uninstalling the wallbox, the installation key remains associated with EMS.

17.02.2026 — KEBA P30 Implementation

Owners of a KEBA P30 charging station can now participate in the beta test and use the new features of the FEMS App beta.



In addition, improvements were made to Switching from the regular app to the beta app and back.

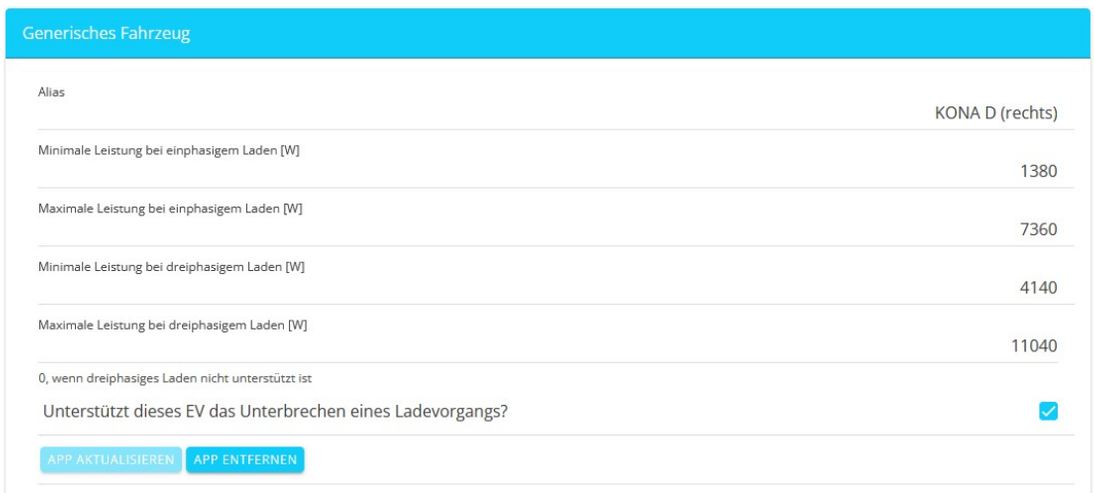
03.02.2026 — App Center Vehicles — Generic Vehicle

Generic Vehicle is automatically installed when you switch to the BETA app.

"Generic Vehicle" means:

- the **primary vehicle** that is charged by default at this charging station.
- It is recommended that you specify the correct model name of the vehicle.

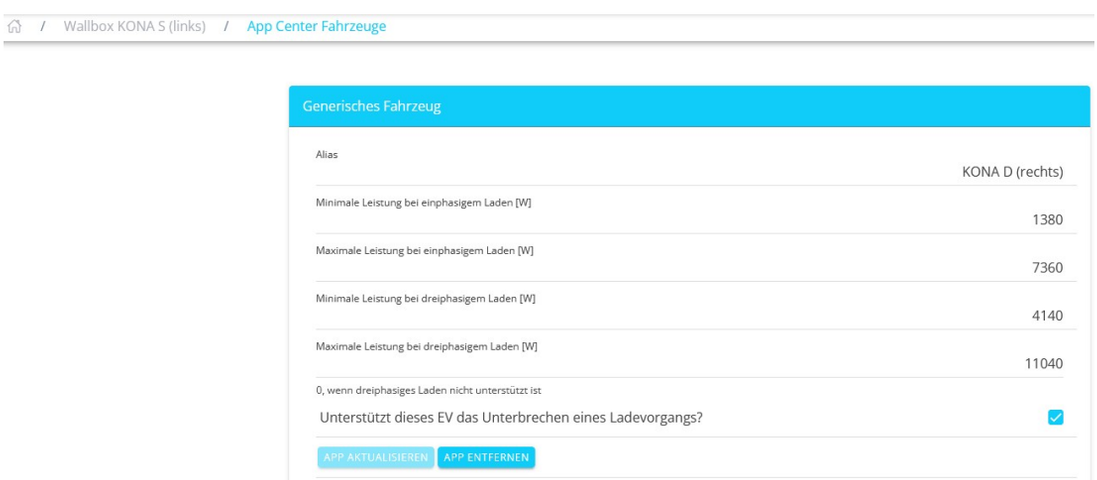
The following settings are available for the connected, Generic Vehicle:



After you have made the desired settings, save them by clicking the [UPDATE APP] button.

Chip: Vehicle App Center

The *Vehicle App Center* chip in the Charging Station Chip menu now provides access to the settings for the Generic Vehicle.

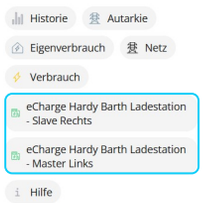


27.01.2026 — Implementation of Hardy Barth's cPµ2 Charging Station

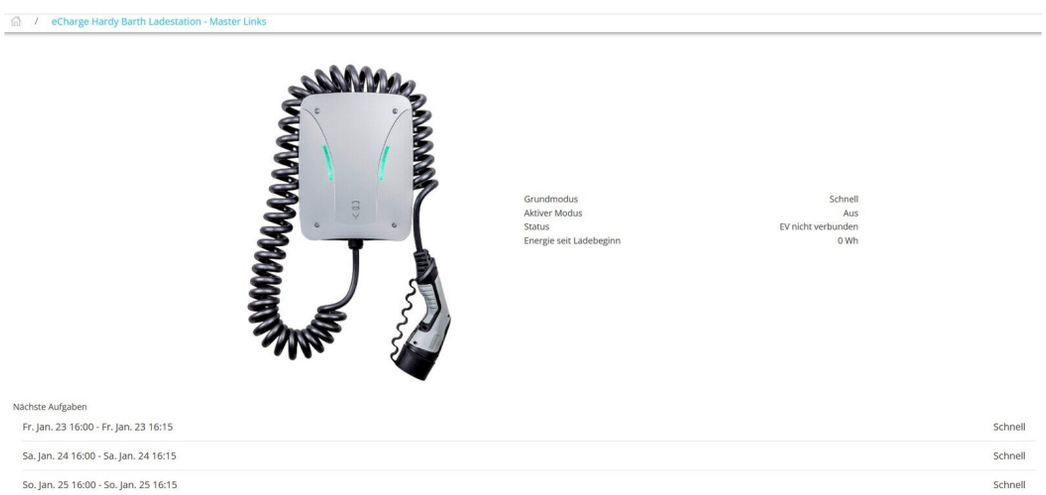
Owners of a Hardy Barth cPµ2 charging station can now participate in the BETA test and use the new features of the

FEMS App BETA.

After following the instructions at Switching in the EMS App configuration, the corresponding chips will be available in your side menu:



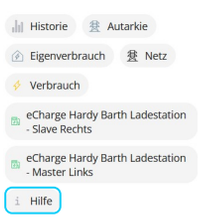
When you activate the chip, the following main window will appear:



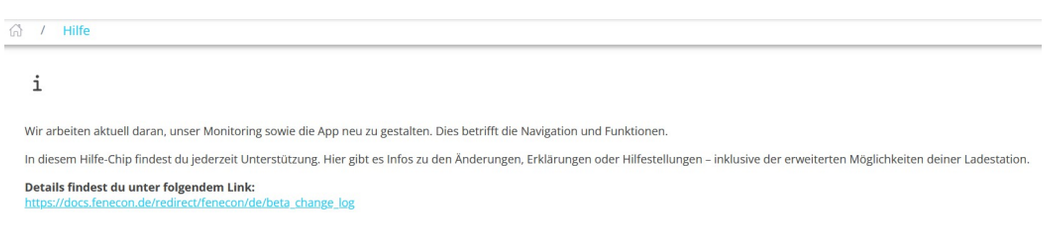
Currently, the Hardy Barth cPµ2 charging station all features offers the same functions as the KEBA P40 wallbox, with the exception of phase switching.

New Chip: Help

Right from the start, the new *Help* chip is now available in the FENECON Online Monitoring's side menu:



When you activate the chip, the following main window will appear:

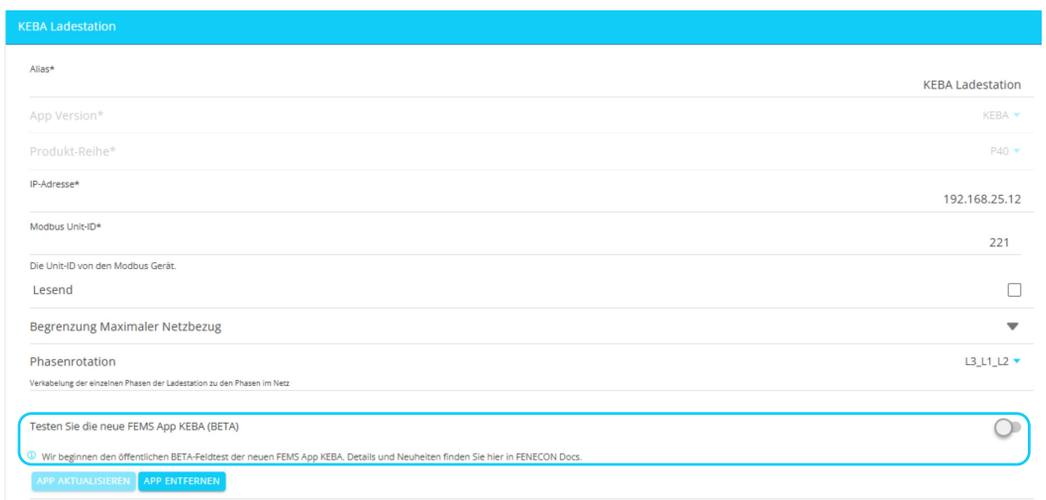


The link leads to this documentation.

16.12.2025 — Switching FEMS App AC Charging Station to BETA

Here's how to switch to the FEMS App BETA:

1. Start in the EMS App Center.
2. Navigate to your FEMS App installation: e. g. *KEBA KeContact P40* or *eCharge Hardy Barth Charging Station*.
3. Click on the honeycomb icon and then on *EDIT APP*.
4. You will now see the following window:



5. Slide the slider to participate in the BETA test.



To shift back, follow the same procedure.

New Chips: Schedule and Charging Mode

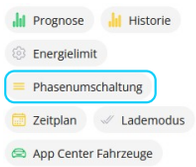
- Two new chips are available for controlling the wallbox: Schedule and Charging Mode.
- The wallbox's main window has been redesigned to display these new settings.
- ---

New Charging Mode: Minimum Charging with Surplus PV Power

- The Minimum Charging with PV Surplus mode guarantees a minimum level of charging for the vehicle. If there is sufficient PV surplus, it is used. If there is no PV surplus, the vehicle is charged using grid withdrawal up to the minimum charging power.

01.12.2025 — Phase Switching

If the "PV" mode is selected on your charging station, you can manually switch from 1-phase to 3-phase charging using the *Phase Switching* chip:



Tap or click the chip to access the following main view:



Use case

One scenario would be to use the limited PV production to charge the vehicle anyway by manually switching to single-phase charging.

Switching during charging:
When manually switching from single-phase to three-phase and vice versa, the hardware undergoes a 30-second switchover process each time.

- Please wait while this switch is in progress.
- During these 30 seconds, the charging power is reduced to 0 kW, and then the switchover occurs.

- When switching phases, vehicles behave differently depending on the model.
- Your vehicle must support phase shifting.