

 | [heckert/en/fems/apps/FEMS_App_PV-Wechselrichter.png](#)

FEMS App PV Inverter

Version:2023.4.1

Table of Contents

1. Introduction	2
2. Prerequisites	2
3. Installing the app	3
4. FEMS App PV Inverter	3
5. Contact	6
6. Directories	7
6.1. List of illustrations	7

1. Introduction

1. Introduction

Dear customer,

Thank you for choosing the "FEMS App PV Inverter". You are welcome to send us your suggestions so that we can further improve the quality of our products.

2. Prerequisites

An inverter supported by EMS is required to use the "FEMS App PV Inverter".

Devices from the following manufacturers are currently supported:

- KACO
 - TL3 series
 - blueplanet 3.0 TL3 - 10.0 TL3
 - blueplanet 15.0 TL3 + 20.0 TL3
 - blueplanet 29.0 TL3 LV
 - blueplanet 50.0 TL3
 - blueplanet 60.0 TL3
 - blueplanet 87.0 TL3 - 125 TL3
 - blueplanet 125 TL3 - 165 TL3
 - ~~NX3 M2 Series~~
 - ~~[blueplanet 3.0 NX3 M2 - 20.0 NX3 M2]~~



Due to connection problems with the **blueplanet 3.0 NX3 M2 - 20.0 NX3 M2** model caused by the current KACO firmware, we are currently unable to recommend communicative integration via the EMS PV inverter app. Instead, we recommend integration via a dedicated meter using the EMS meter package [FEM112].

- SMA
 - SMA SUNNY BOY 1.5 / 2.0 / 2.5
 - SMA SUNNY BOY 3.0 / 3.6 / 4.0 / 5.0 / 6.0
 - SMA SUNNY TRIPOWER 3.0 / 4.0 / 5.0 / 6.0
 - SMA SUNNY TRIPOWER 8.0 / 10.0
 - SMA SUNNY TRIPOWER 15000TL/20000TL/25000TL
 - SMA SUNNY HIGHPOWER PEAK3
 - SMA SUNNY TRIPOWER CORE1
- Kostal

- <https://www.kostal-solar-electric.com/en-gb/products/solar-inverter/plenticore-plus/> [PLENTICORE plus 3.0 - 10.0] [only as PV inverter]
- PIKO IQ 3.0 - 10.0
- PIKO CI 30 - 60
- Fronius
 - <https://www.fronius.com/de-at/austria/solarenergie/installateur-partner/technische-daten/alle-produkte/wechselrichter/fronius-symo-gen24-plus/fronius-symo-gen24-10-0-plus> [Fronius Symo GEN24 Plus 3.0 - 10.0 kW] [only as PV inverter]
 - <https://www.fronius.com/de/solarenergie/installateur-partner/technische-daten/alle-produkte/wechselrichter/fronius-symo/fronius-symo-3-0-3-m> [Fronius Symo 3.0 - 20.0 kW]
- SolarEdge
 - All SolarEdge inverters with *SetApp* configuration
 - Single-phase inverter:
 - SE2200H
 - SE3000H
 - SE3500H
 - SE3680H
 - SE4000H
 - SE5000H
 - Three-phase inverter:
 - SE3K - SE10K
 - SE12.5K - SE33.5K
 - All SolarEdge inverters with LCD and firmware > 3.xxxx

3. Installing the app

When you ordered the "FEMS App PV Inverter", you received a 16-digit license key. You can use this license key to redeem the app independently in the EMS App Center.

Find instructions on how to proceed [here](#).

4. FEMS App PV Inverter

The "FEMS App PV Inverter" allows the integration of an additional PV inverter into the energy management and Online Monitoring.

As soon as the app has been installed on your system, you will see this widget in your monitoring:



Figure 1. Widget

In the example above, the alias "AC" was assigned to the PV inverter.

Click on the widget to open the detailed view:

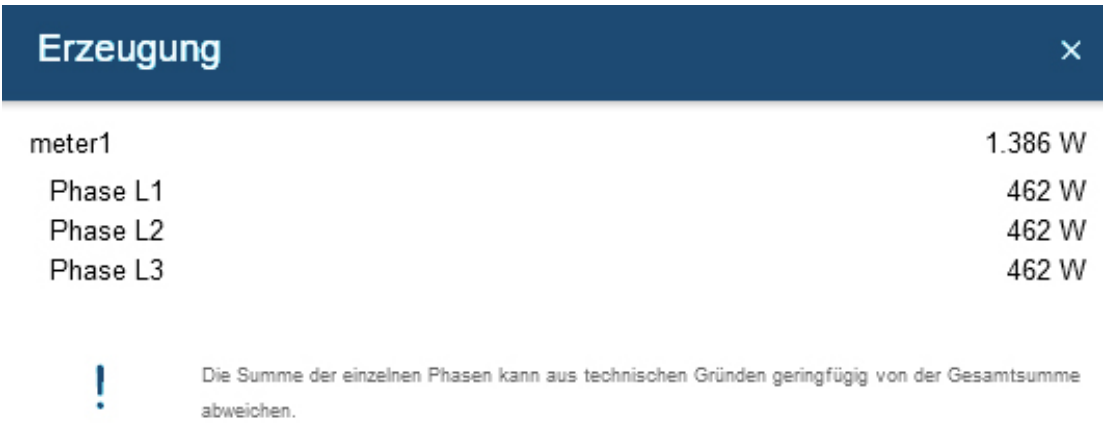


Figure 2. Detailed view

For three-phase PV inverters, the power per phase is displayed here.



The sum of the individual phases may differ slightly from the total sum for technical reasons.

You can view the generation over time via the "History" tab in Online Monitoring:

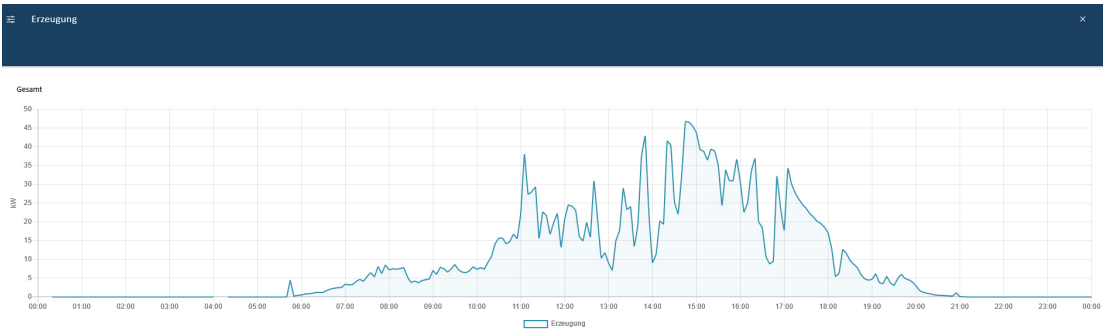


Figure 3. History

You can use the button at the top left to activate the view of generation per phase:

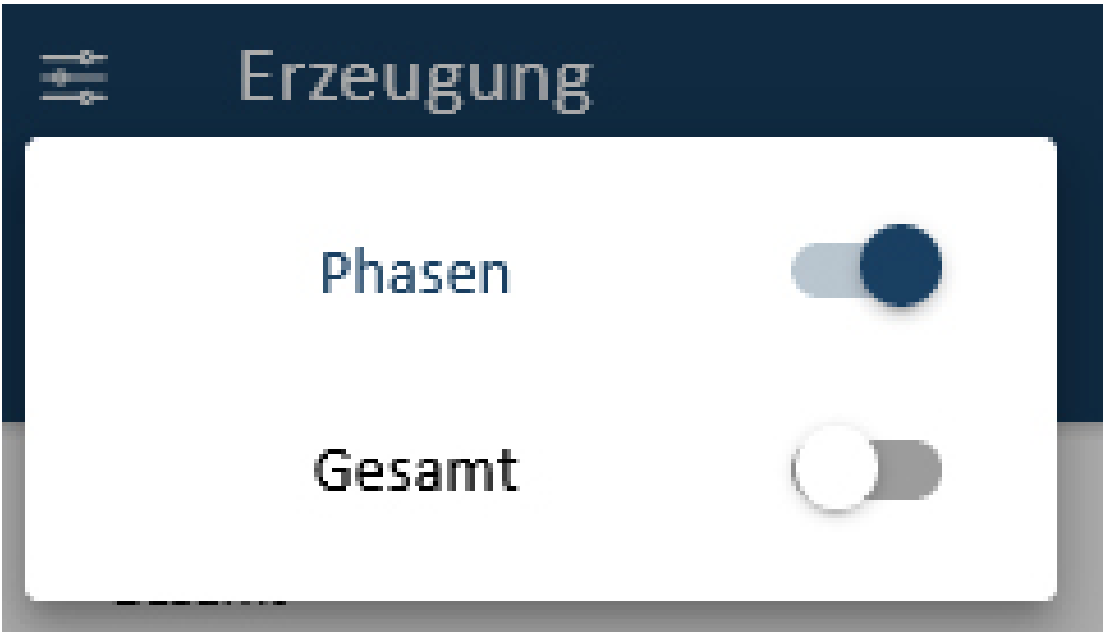


Figure 4. Activation of the view for generation per phase

The generation over time per phase is then displayed for three-phase PV inverters

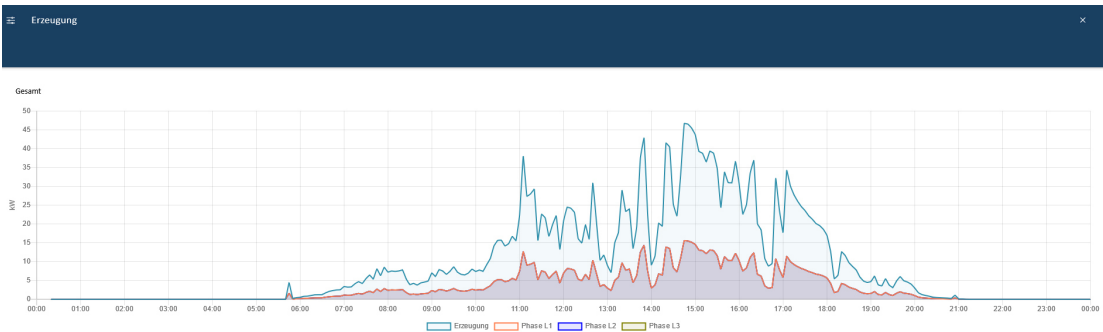


Figure 5. History per phase

The widget in the history displays the energy generated in kWh for the selected period.



Figure 6. History — Widget

5. Contact

5. Contact

For support, please contact:

Symphon-E Service

Telephone service: +49 (0) 371 45 85 68 - 100

E-mail service: symphon-e@heckert-solar.com

6. Directories

6.1. List of illustrations

[Figure 1. Widget](#)

[Figure 2. Detailed view](#)

[Figure 3. History](#)

[Figure 4. Activation of the view for generation per phase](#)

[Figure 5. History per phase](#)

[Figure 6. History — Widget](#)