

## Commissioning instructions

# Gira Eco with inverter SolarEdge Home Wave

### Required items

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#### Gira Eco

Item number: 2045 00

ETS product database entry: from version 2.0

Firmware: from version 2.0

#### ETS version

from 5.7.5 or

from 6.0.2

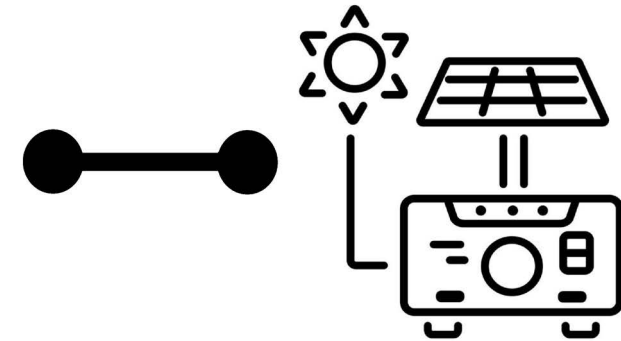
#### SolarEdge inverter

1-phase inverter SExxxxH,

3-phase inverter SExxxxK

#### SolarEdge software:

SolarEdge inverter SetApp



The commissioning instructions offer support with the parametrisation of the inverter-dependent interfaces.



For detailed information on installation, use and safety instructions, please see the product manual and installation instructions for the Gira Eco as well as the documentation issued by the inverter manufacturer.

Installation may only be performed by a qualified electrician.

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## Basic requirements

### A Windows PC is

- connected with an Internet-enabled router and
- equipped with the ETS.

### The inverter is

- connected to the power supply,
- connected to the same IP network as the Windows PC and the Gira Eco via RJ45.

### The Gira Eco is

- connected to the power supply,
- connected to the KNX bus,
- connected to the same IP network as the Windows PC and the inverter via RJ45,
- created as a device in an ETS project.



### Note

Make sure that communication between the Gira Eco and the inverter is not restricted by switches.

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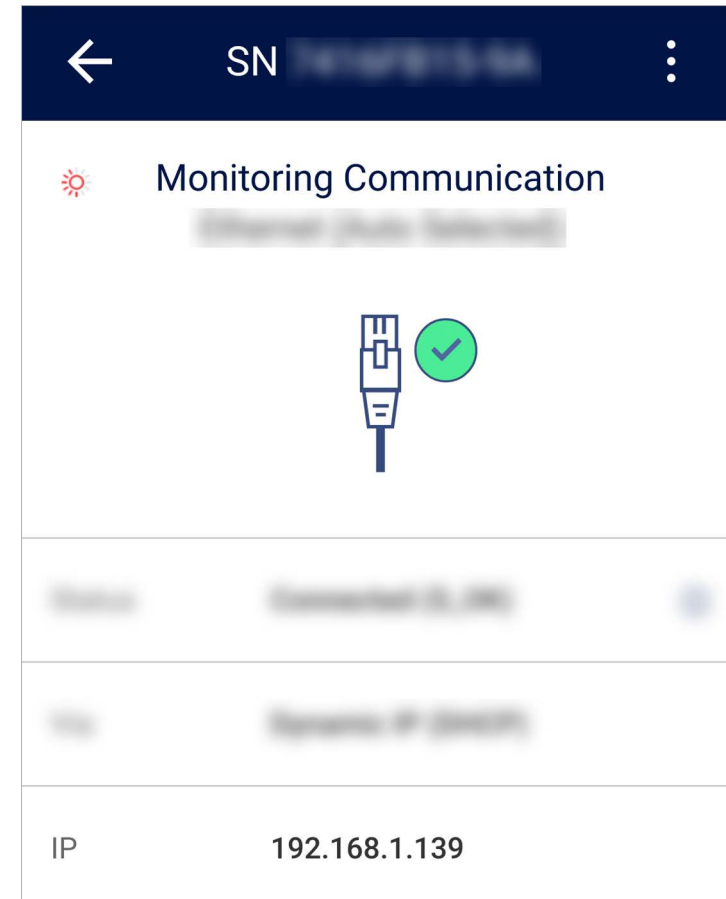
## Inverter settings

- Set the On/Off/P-switch on P for 2 seconds and then release.
- Scan the QR code on the inverter with the SetApp.

## Settings in the SetApp

### Find out IP address

- Call up „Monitoring Communication“.
- Note/remember the IP address for entry in the ETS.



## Activating Modbus TCP

- Open „Side Communication“ → „Modbus TCP port“.
- Modbus TCP must be enabled.
- Note/remember port for entry in the ETS.

| SN [blurred]    |           |
|-----------------|-----------|
| Modbus TCP port |           |
| Modbus TCP      | Enabled > |
| Port            | 1502 >    |

## Modbus Unit ID

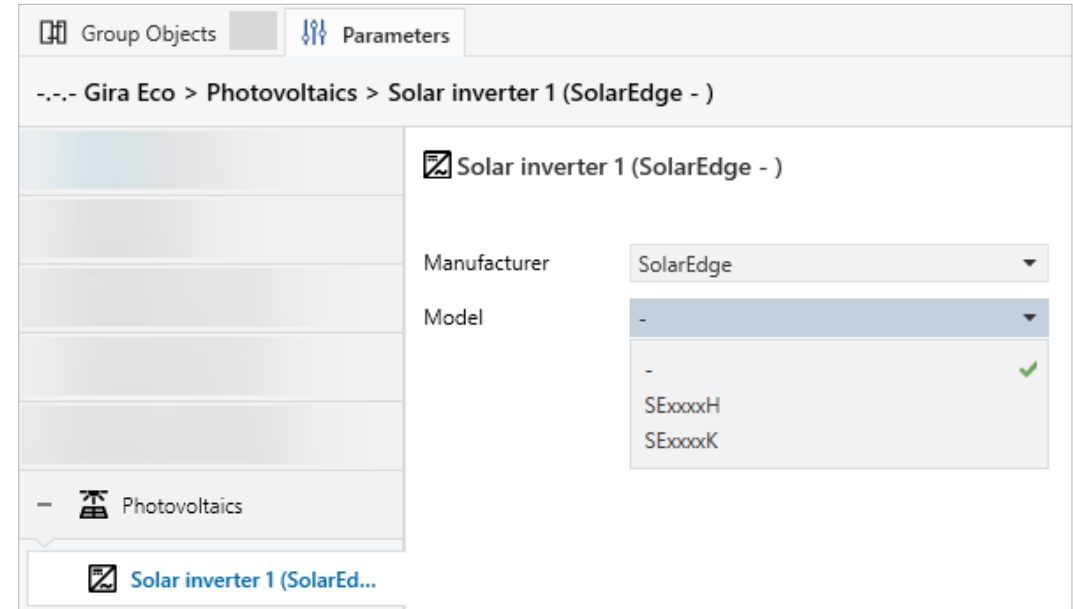
- Open „Side Communication“ → „RS485-1“.
- Note/remember Modbus Unit ID for entry in the ETS.

| SN [blurred] |           |
|--------------|-----------|
| RS485 -1     |           |
| [blurred]    | [blurred] |
| Unit ID      | 2 >       |

## Settings in the ETS

### Selecting an inverter

- Select the inverter manufacturer.
- Select the inverter model.



### Configuring inverter-specific settings

- Enter the IP address of the inverter.
- Enter the port of the inverter.
- Enter the Modbus Unit ID of the inverter.

