

Commissioning instructions

Gira Eco with inverter SMA Sunny Boy

Required items

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

SMA inverter

Sunny Boy



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.

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

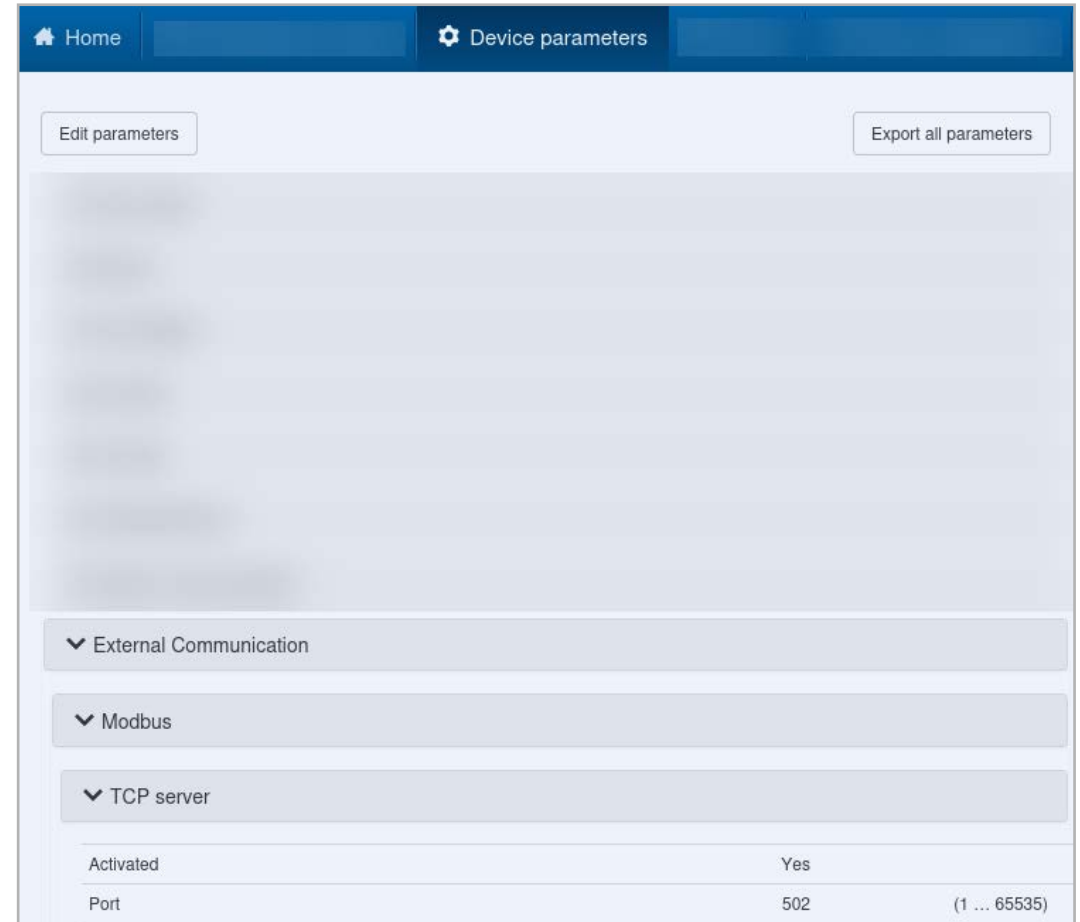
Make sure that communication between the Gira Eco and the inverter is not restricted by switches.

Inverter settings

- Search for the inverter on the Windows PC under „Network“.
- Right-click on the inverter to display the device website.
- Log in as „Installer“.
- Note/remember the IP address from the browser input window for entry in the ETS.

Activating Modbus TCP

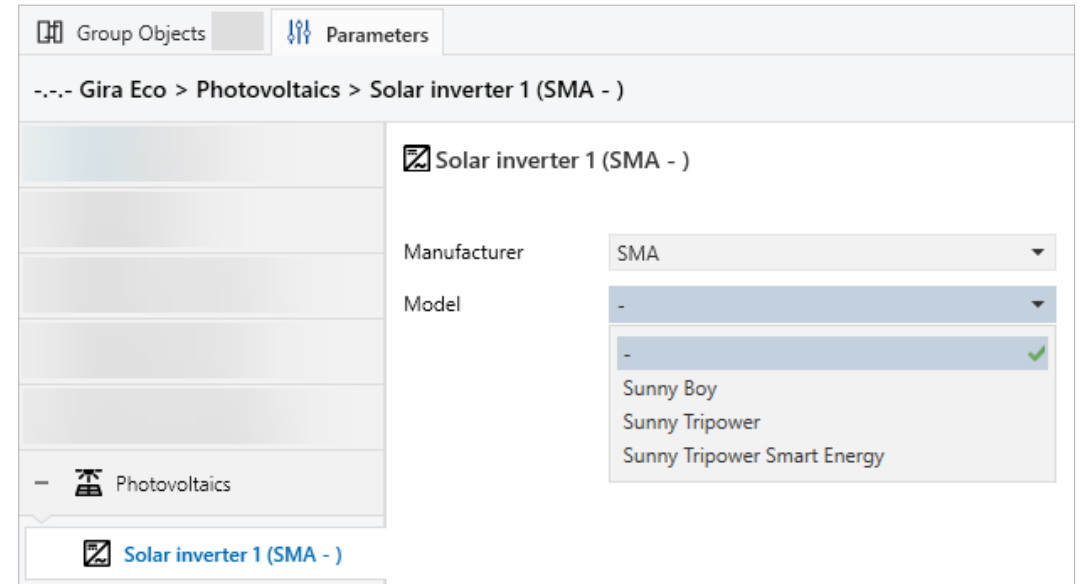
- Call up „Device parameters“.
- Select „Edit parameters“.
- Call up „External Communication“ → „Modbus“ → „TCP server“.
- Activate „TCP server“.
- Note/remember port for entry in the ETS.



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.
- Retain default value of the Modbus Unit ID.

