

Commissioning instructions

Gira Eco with inverter SMA Tripower

Required items

Gira Eco

Item number: 2045 00

ETS product database entry: from version 2.0

Firmware: from version 2.0

ETS version

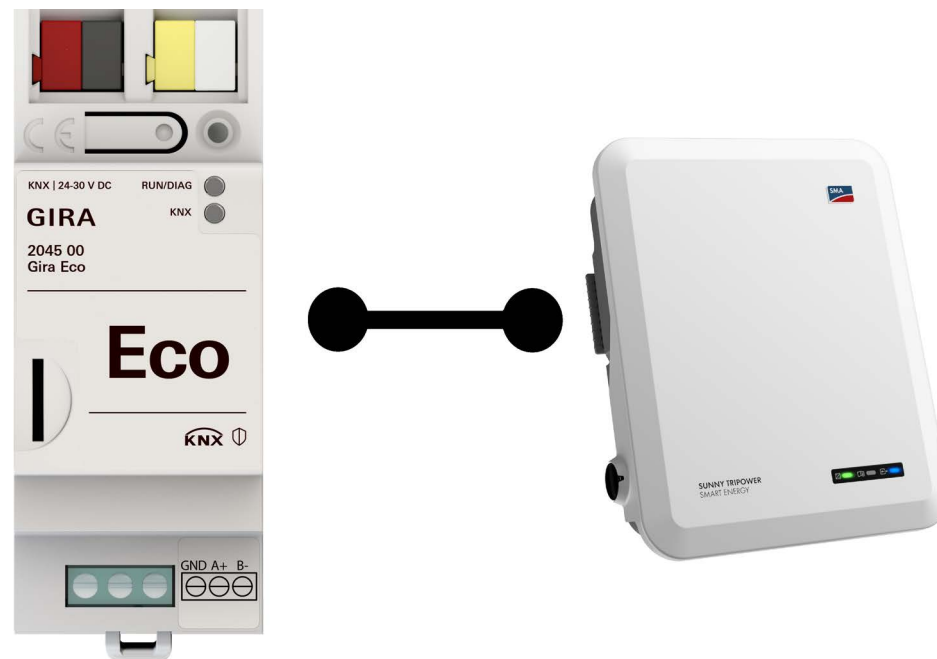
from 5.7.5 or

from 6.0.2

SMA inverter

Tripower

Tripower Smart Energy



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.



Hinweis

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 configuration“.
- Select Type of communication „Modbus“.
- Activate Modbus.
- Note/remember port for entry in the ETS.
- Note/remember unit ID for entry in the ETS.

The screenshot shows the 'Device configuration' web interface. At the top, there is a navigation bar with 'Home' and 'Device configuration' (with a wrench icon). Below this, there is a section titled 'Networks configured' which contains a table with the following data:

Network name	Type of communication	IP address of the device	Status
	WLAN		No connection
	Ethernet	192.168.14.159	OK

Below the table, there is a section titled 'Type of communication' with a 'Modbus' tab selected. Under this tab, there are three main settings:

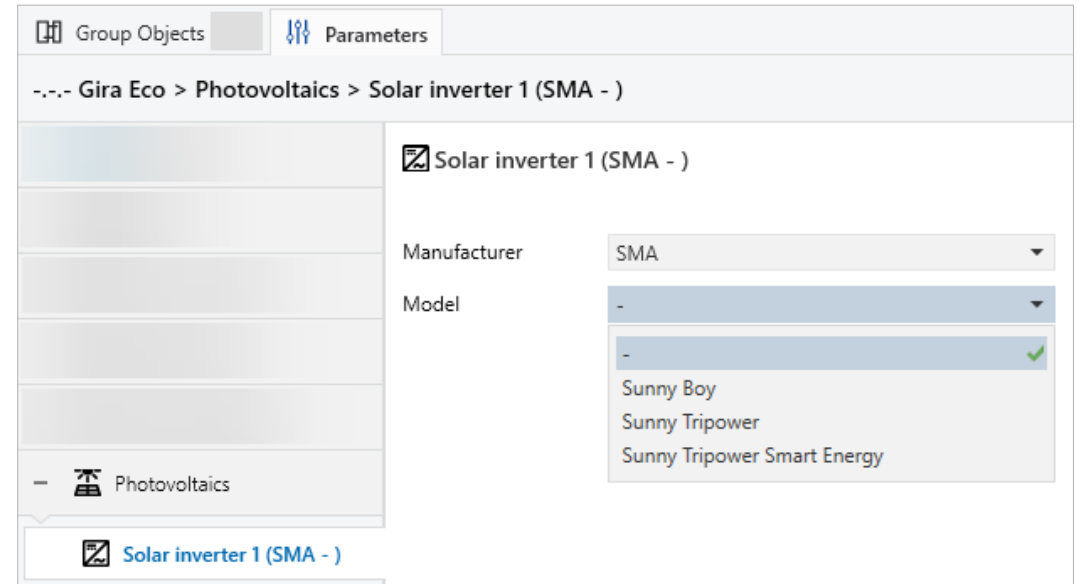
- Modbus Active:** A toggle switch set to 'Yes'.
- Port:** A text input field containing the value '502'.
- Unit ID:** A text input field containing the value '3'.

At the bottom of the configuration area, there is a 'Save' button.

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.

