

Commissioning instructions

Gira Eco with charging point Spelsberg Wallbox Smart Pro

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

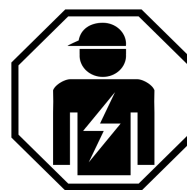
from 6.0.2

Spelsberg charging point

Wallbox Smart Pro



The commissioning instructions offer support with the parametrisation of the charging point-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 charging point manufacturer.

Installation may only be performed by a qualified electrician.

Basic requirements

A Windows PC is

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

The charging point 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 charging point via RJ45,
- created as a device in an ETS project.



Note

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

Settings on the charging point

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

Activating Modbus TCP

- Call up „Load management“.
- Under „Modbus Interface“, set the Modbus TCP server parameters as shown in the following screenshot.

The screenshot shows the 'LOAD MANAGEMENT' configuration page. The left sidebar has 'LOAD MANAGEMENT' selected, with 'Local' and 'Modbus Interface' visible below it. The main content area is titled 'LOAD MANAGEMENT' and has a sub-section 'Local'. Below this, there are several rows of settings, each with an information icon (i) and a dropdown menu. The 'Modbus Interface' section is expanded, showing the following settings:

Setting Name	Value
Modbus TCP Server for energy management systems	On
Modbus TCP Server Base Port	502
Modbus TCP Server Register Address Set	Open Modbus Charge Control Interface (OMCCI)
Modbus TCP Server Allow Start/Stop Transaction	On

Settings in the ETS

Configuring charging point-specific settings

- Select the charging point manufacturer.
- Select the charging point model.
- Enter the IP address of the charging point.

Group Objects Parameters

--- Gira Eco > Charging points > Charging point 1 (Spelsberg - Wallbox Smart Pro)

Charging point 1 (Spelsberg - Wallbox Smart Pro)

Manufacturer Spelsberg

Model Wallbox Smart Pro

IP address

Charging points

Charging point...