

# Instructions for combining **AC•THOR / AC•THOR 9s / AC ELWA 2** with **ENIRIS smartgridOne**



## 1 Default settings on the my-PV device

Before commissioning, read the assembly instructions delivered with the device and the operating instructions available online.

The AC•THOR operating instructions can be found [here](#).

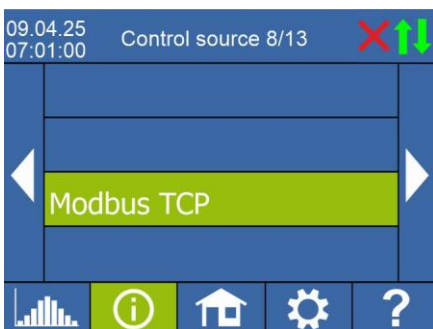
The AC ELWA 2 operating instructions can be found [here](#).

## 2 Setting the control on the my-PV device

The control settings can be set on the display or in the web interface.

### 2.1 Settings via the display

1. Tap Settings (gear icon) to access the menu.
2. Tap the right arrow until the "**Control source**" menu item appears.
3. Select this and tap the right arrow until the control type "**Modbus TCP**" appears.
4. Tap "**Modbus TCP**" once to apply the setting.




## 2.2 Settings via the web interface

### 2.2.1 Download local web interface

Check which IP address the AC•THOR/AC ELWA 2 has in the local network.

To do this, proceed as follows:

1. Tap the info button on the display. .
2. Use the right arrow to scroll until the menu item "IP" appears.



3. Open the browser on your smartphone or laptop
4. Enter the IP address in the address bar of the browser.

The following window will appear:

DE: Ab Version a0020000 erfolgt der Aufruf des AC•THOR Webinterfaces durch eigene HTML Datei, die einmalig lokal gespeichert werden muss.

EN: From Version a0020000 the AC•THOR webinterface is accessed from a separate HTML file that needs to be stored locally once.

FR: À partir de la version a0020000, l'interface web AC•THOR est appelée par son propre fichier HTML, qui doit être enregistré localement une fois.

ES: A partir de la versión a0020000, la interfaz web de AC•THOR es llamada por su propio archivo HTML, que debe ser guardado localmente una vez.

NL: Vanaf versie a0020000 is de AC-THOR webinterface toegankelijk via een afzonderlijk HTML-bestand dat eenmalig lokaal moet worden opgeslagen.

## Download Webinterface

DE: Alternativ kann das AC•THOR Webinterface auch direkt im Browser geöffnet werden.

EN: Alternatively, the AC•THOR webinterface can also be opened directly in the browser.

FR: L'interface web de la AC•THOR peut également être ouverte directement dans le navigateur.

ES: Alternativamente, la interfaz web de AC•THOR también puede abrirse directamente en el navegador.

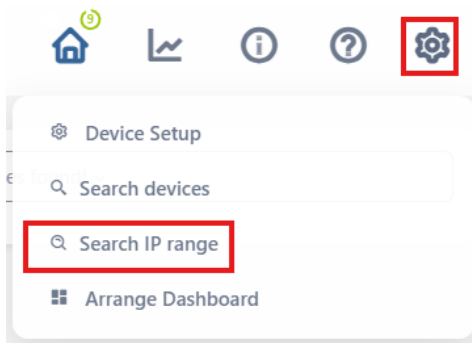
NL: Als alternatief kan de AC-THOR webinterface ook rechtstreeks in de browser worden geopend.

## Open Webinterface in Browser

Select "**Download Web Interface**" to download the HTML file.

### 2.2.2 Connect the local web interface to the my-PV device

When opening for the first time, the IP address range of the network in which the device is located must be set. The entry is saved by the web browser. The address range can be redefined at any time via Settings and the "**IP search range**" button.



### 2.2.3 Set control

1. Click on Settings → Device Setup → Control Settings
2. Select "**Modbus TCP**" as the control type.
3. Click "Save" to apply the settings.

#### Control Settings

#### TIP

For many control types there are separate instructions for the required settings. More information can be found [here](#).

Control type Modbus TCP

ⓘ ELWA Number > 1: only 'Slave' selectable.

Control source IP address 192 168 15 15

Control state Cloud Control P=208 (00)

Power timeout 10 s

Block start / stop hour 0 0

Save

## 3 Communication with the ENIRIS smartgridOne

AC•THOR or AC ELWA 2 are connected to the E.ON Home Manager in the network via a router. Within this network, the my-PV device receives the command how much power it should supply.

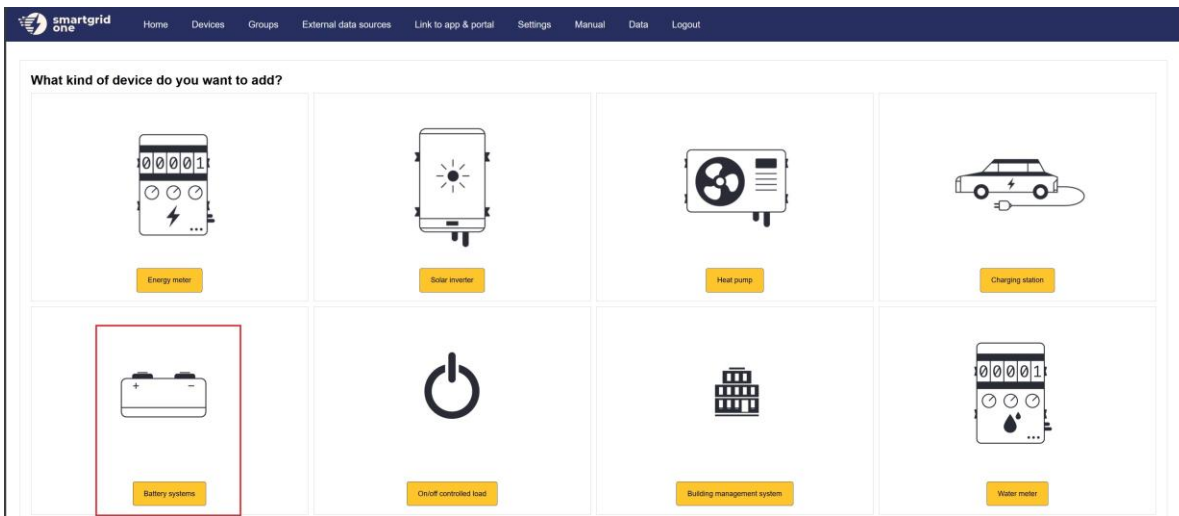


#### Note!

- You can use a maximum of 8 my-PV devices per system.
- In operating mode M3, the following applies: External control types may not be able to set the power to the maximum possible level!

## 4 Settings on ENIRIS smartgridOne

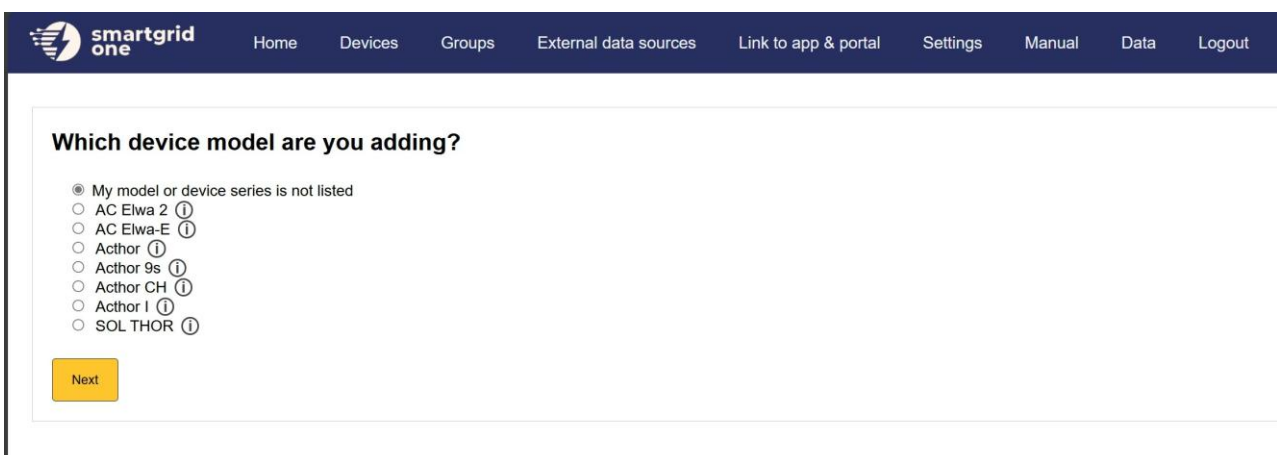
1.



2.



3.



4.

5.

6.

Setting	Help	Current value	New value
Name	ⓘ	MyPV AC Elwa 2	MyPV AC Elwa 2 1801502405110004
Nominal power (kW)	ⓘ	3.5	3.5
Priority	ⓘ	Normal	Normal
Is the device single or three phase?	ⓘ	Single phase	<input checked="" type="radio"/> Single phase <input type="radio"/> Three phase
Operating voltage	ⓘ	Same as the main circuit breaker	Same as the main circuit breaker
Nominal voltage type	ⓘ	Phase-neutral (line-neutral)	<input checked="" type="radio"/> Phase-neutral (line-neutral) <input type="radio"/> Phase-phase (line-line)
Nominal voltage (V)	ⓘ	230.0	230.0

Subject to changes and printing errors.



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