

Instructions for integrating **AC•THOR® or AC ELWA®-E** with GoodWe ET/BT and EH/BH Series with LAN Module

GOODWE

1. Default settings on AC•THOR or AC ELWA-E

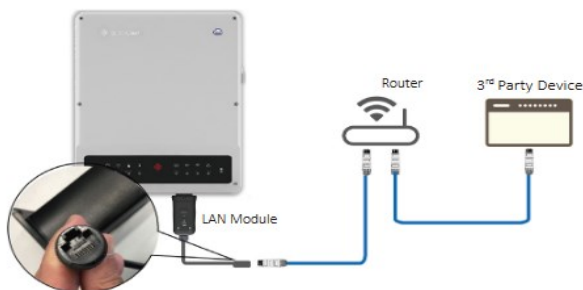
Before commissioning, you must read the assembly instructions that accompany the device, as well as the operating instructions available online.

Find the AC•THOR operation manual [here](#).

Find the AC ELWA-E operation manual [here](#).

2. Communication of AC•THOR or AC ELWA-E with GoodWe

AC•THOR or AC ELWA-E are connected to GoodWe in the network via a router. Within this network, the device receives information about how much photovoltaic surplus is available from the so-called "LAN module" on the GoodWe inverter. The latest firmware must be active on the LAN module!



GoodWe Wi-Fi module **cannot** be used!



Do not connect my-PV device directly to the inverter or battery system!



When controlled by an inverter, a feed-in meter is required in the system. Otherwise, the query of the inverter does not provide any data.

3. Settings on GoodWe inverter (LAN-Module)

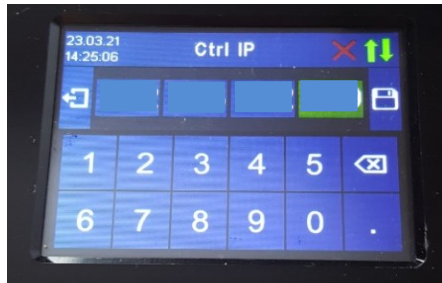
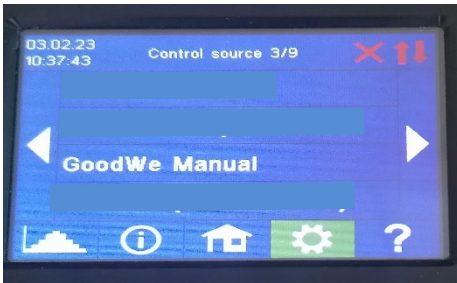
No special settings need to be made on the GoodWe inverter, only the correct connection of the LAN module is important. Modbus TCP communication is automatically activated when the inverter is connected.

Follow the instructions in the GoodWe installation manual!

⚠ When communicating with Goodwe, the IP address of the inverter must not change during operation (e.g. by a DHCP router), otherwise, the AC•THOR or the AC ELWA-E will lose the control signal!

4. Settings on AC•THOR or AC ELWA-E

For the AC•THOR, select "Goodwe Manual" for the control type either on the display or in the web interface. The IP address of the signal source must then be statically entered on the display under "Ctrl IP".



Alternatively, these settings can also be made on the web interface of the AC•THOR. In the web setup, the parameters "Device ID" and "Device Port" can also be set by GoodWe.

For the "GoodWe Manual" control, my-PV presets 247 for the device ID and 502 for the device port.

With the AC ELWA-E, the configuration is only possible in the web setup.

Control Settings

Control type:
AC•THOR Number >1: only 'Slave' selectable.

Control source IP address:

Device ID:

Device port:

Control state:

Power timeout:

Control target:
Negative value means feed-in. Only change this value if you are familiar with the control strategy - read Help for more details.

Block start / stop hour:

GoodWe Manual

247

502

Modbus Read received

10

-290 W

0 0

Save

"Power timeout" is not to be changed.

If there is a battery storage system that has to be charged on priority, then the "Control Target" should be left at -290 W. Otherwise, we recommend using -50 W.

