

Instructions for connecting

AC•THOR / AC•THOR 9s / AC ELWA 2

to



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. Communication with Varta

AC•THOR or AC ELWA 2 are connected to Varta in the network via a router. Within this network, the device receives information from Varta about the available surplus photovoltaic energy.



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

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

3. Settings on the my-PV device



This note applies to AC-THOR / AC-THOR 9s with Ethernet firmware version a0021800 or higher.

This firmware version and newer versions no longer support the "Varta Auto" control type.

Once updated with new firmware, devices are automatically set to the 'Varta Manual' control type.

Settings for "Varta Auto"

Select "Varta Auto" under Control Type on the display **or** in the web interface. The my-PV device will then automatically detect the Varta meter signal. You don't need to make any further settings.



Settings for "Varta manual"

Select "Varta manual" under Control Source on the display or the web interface.



When you select 'Varta Manual', you need to ensure that the IP address of the signal source isn't changing during operation (for example, due to a DHCP router). If the IP address changes, the AC•THOR or AC ELWA 2 will lose the control signal.



As an alternative, these settings can also be made on the web interface. It is recommended that the settings "Power timeout" and "control target" remain unchanged.

Control Settings



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

Control type

Varta Manual

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

Control source IP address

Control state

Power timeout

10 s

Control target

-150 W

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Subject to change.

