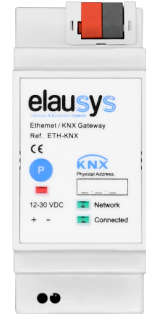


INV-KNX

Solar inverter gateway for KNX

Connect your inverter and check the first live power value in ETS.



01 Connect the gateway

Mount on a DIN rail (2 modules). Connect KNX at the top terminal. Connect 12-30 VDC to the bottom screw terminal, respecting polarity. Connect Ethernet to the same LAN as the inverter or supported dongle.

02 Prepare the inverter

Enable Modbus TCP on the inverter or supported dongle. Use the Elausys manual for your inverter brand to confirm the server IP address, TCP port, unit ID and matching ETS inverter model.

03 Set the gateway network parameters

Open <http://192.168.1.51> in a browser. Your PC must be on the same subnet (for example, an unused 192.168.1.x address). Set a free fixed gateway IP on the inverter LAN. Set Modbus mode to Connect, then enter the server IP, port and unit ID from step 2.

04 Configure and download in ETS

Add the Elausys gateway application and assign a free physical address. Select the inverter model, AC type, PV / battery options and refresh rate. Link the required group objects to group addresses, including AC Power. Press P (red programming LED on), then perform a full ETS download.

05 Check the first live value

Network LED on: Ethernet link established.
Connected LED on: Modbus communication established.
In ETS Group Monitor, check that AC Power updates on its group address. Allow one configured refresh cycle for the complete data update.

No connection or no values?

Network off: check supply, cable and switch. Connected off: check server IP, port, unit ID and Modbus TCP activation. No KNX values: check bus voltage, ETS download, group addresses and that the inverter model matches the unit ID.