Installation manual
CheckWatt CM10 and Fronius inverter GEN24
Updated 2024-06-12

Installation of CheckWatt CM10 and the Fronius GEN24 inverter is performed according to their manuals. This manual describes how communication between the CheckWatt CM10 and Fronius GEN24 inverter is established.

Communication between CM10 and inverter is carried over modbus TCP/IP via ethernet cable CAT6 FTP.

Max inverters per CM10: 1

⏀Check**Watt**

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Connect the WAN (Ethernet cable) between the property's router* and **LAN 1 (eth0)** on the CM10 for internet connection to the CM10.
*or other network equipment such as PLC-modem, wifi-repeater or network switch.*

NOTE! LAN 1 and LAN 2 must not be mixed up as they have different functions.
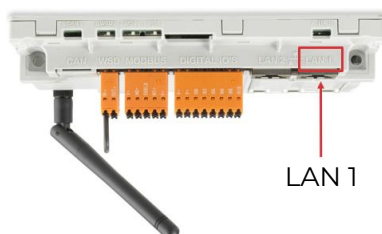
WAN/INTERNET
Via ethernet cable
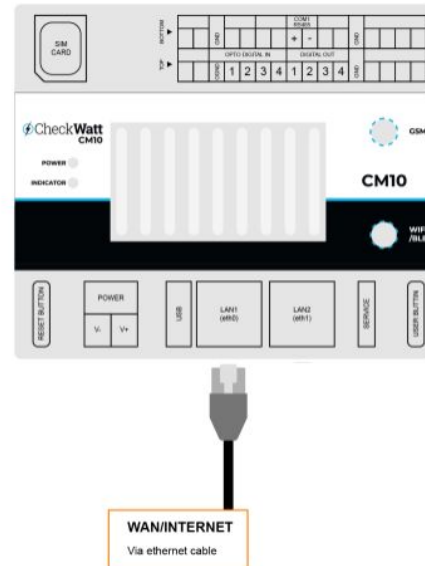
Connect the LAN (Ethernet cable) to **LAN 2 (eth1)** on the CheckWatt CM10.

NOTE! LAN 1 and LAN 2 must not be mixed up as they have different functions.

ROUTER FUNCTION
INVERTER
CW SWITCH
via ethernet cable
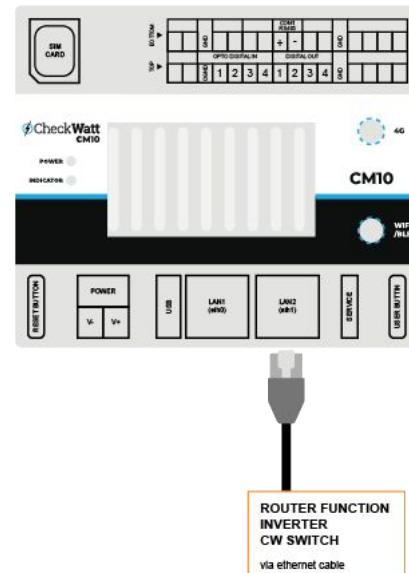
Connect the LAN (Ethernet cable) to the inverter's LAN port marked LAN 1.

LAN 1

Use the cable gland to maintain the inverter's IP rating.
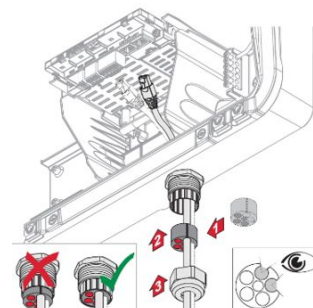
Settings for Modbus TCP/IP

Activate Modbus TCP/IP in the inverter's interface: see the link below for instructions on how to connect to the inverter.

https://www.youtube.com/watch?v=T25omrhcroU

1. Select the menu Communication > Modbus
2. Activate Slave as Modbus TCP
3. Choose SunSpec Model Type "Float"
4. Enable Inverter Control via Modbus
5. Save your settings by clicking Save

For questions, contact CheckWatt support at +4610-188 65 65 or support@checkwatt.se.

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