Installation manual
CheckWatt CM10 and Solis inverter
S6-EH3P(29.9-50)K-H
Updated 2024-11-26

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

Communication between CM10 and inverter is carried over modbus RTU (RS-485) via ethernet cable CAT6 FTP.
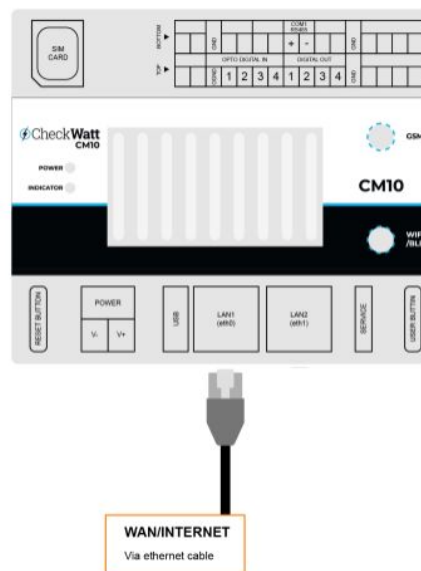
Max inverters per CM10: 1

⏁CheckWatt

Gamlestadsvägen 18B
415 02 Göteborg
SWEDEN

www.checkwatt.se
info@checkwatt.se
+46 101 88 65 65

Installation: Internet connection and communication

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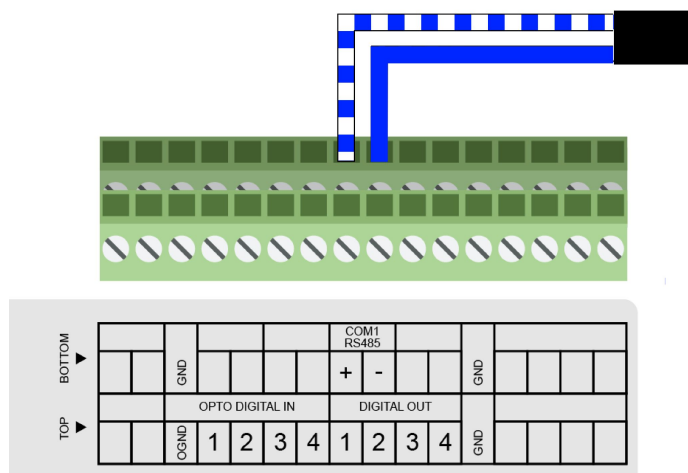*or other network equipment such as PLC-modem, wifi-repeater or network switch.*

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

The **ethernet** cable needs to be **stripped** on **one side** where pin 4 (Blue) and pin 5 (blue/white) represent 485B and 485A, respectively.
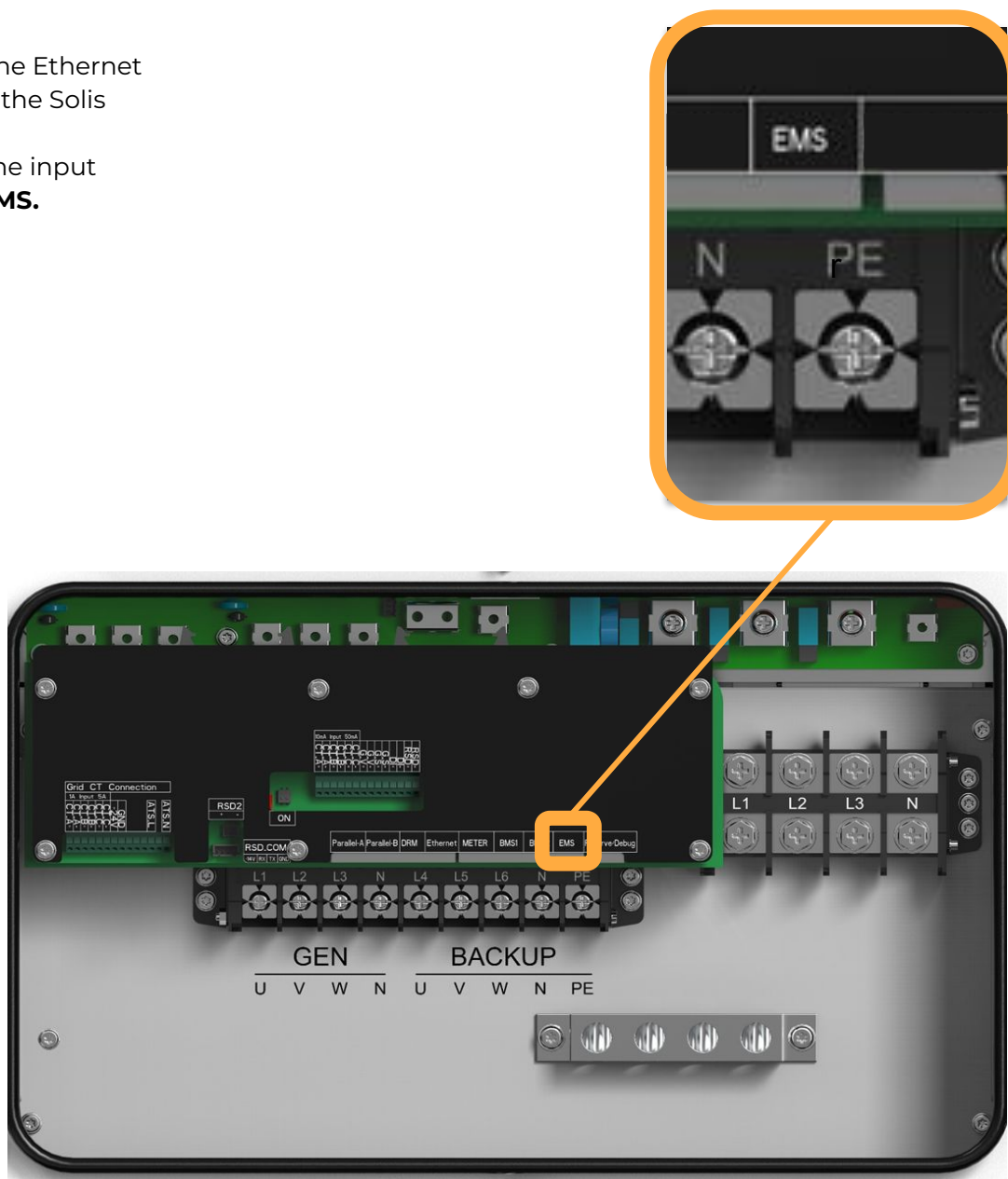
Connect the **blue** cable to terminal **#8** on the rear row marked **COM -**.

Connect the **blue/white** cable to terminal **#9** on the rear row marked **COM +**.

Ø CheckWatt

Gamlestadsvägen 18B
415 02 Göteborg
SWEDEN

www.checkwatt.se
info@checkwatt.se
+46 101 88 65 65

Connect the Ethernet
cable into the Solis
inverter
through the input
marked **EMS.**

CheckWatt

Gamlestadsvägen 18B
415 02 Göteborg
SWEDEN

www.checkwatt.se
info@checkwatt.se
+46 101 88 65 65

Settings

1 a) Allow Grid Charging, set to **Enable**.	Cancel Allow Grid Charging Save Current Value: Disable Enable ✔ Disable

ØCheck**Watt**

Gamlestadsvägen 18B
415 02 Göteborg
SWEDEN

www.checkwatt.se
info@checkwatt.se
+46 101 88 65 65

Firmware update inverter

When the installation is complete, a support ticket should be submitted to the [Solis Service Center](#) to update the inverter to the correct firmware. You can do this by logging in to the Solis Service Center and then clicking on "Submit a Ticket." If you don't have an account, you will need to create one.

In the description, write:
Firmware update for CheckWatt VPP services