

Installation manual

CheckWatt CM10 and Efore inverter

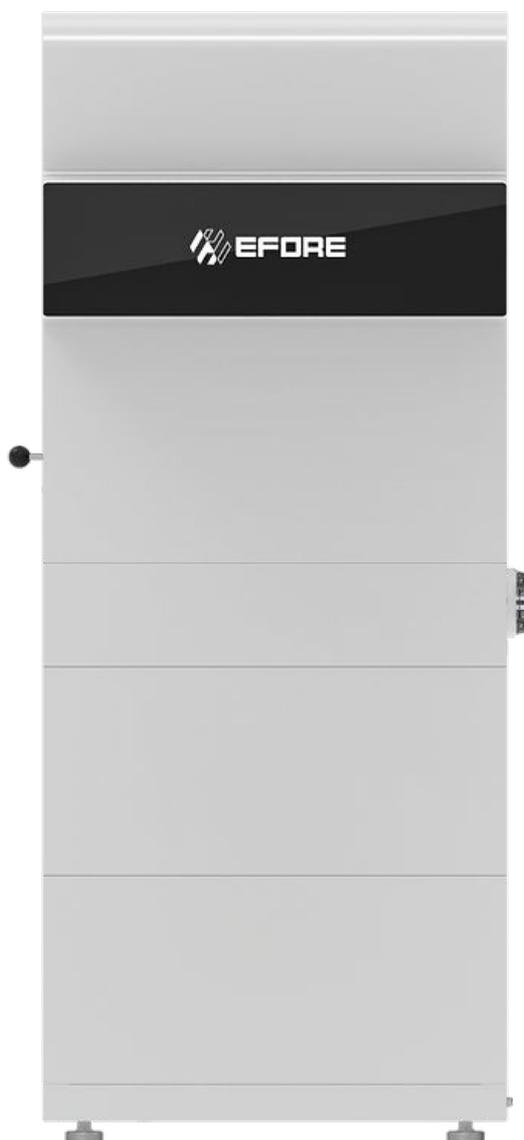
Luminar all-in-one

Updated 2025-03-19

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

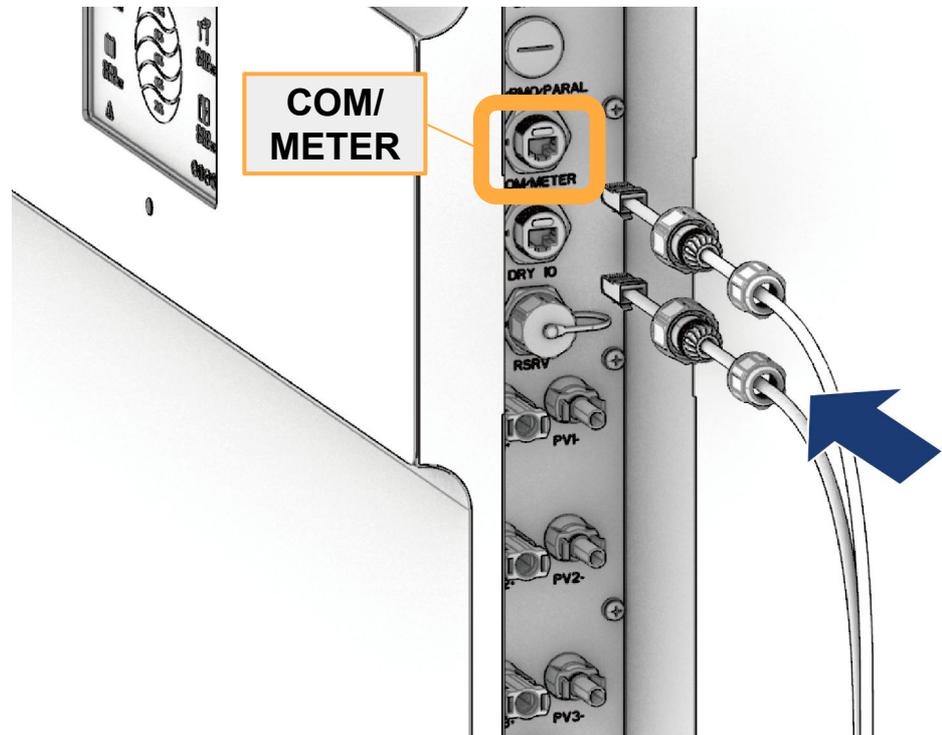
Communication between CM10 and inverter is carried over modbus RTU (RS-485) via ethernet cable CAT6 FTP.

Max inverters per CM10: 1



Installation: Internet connection and communication

Connect the ethernet cable from CM10 to the **COM/METER** port.

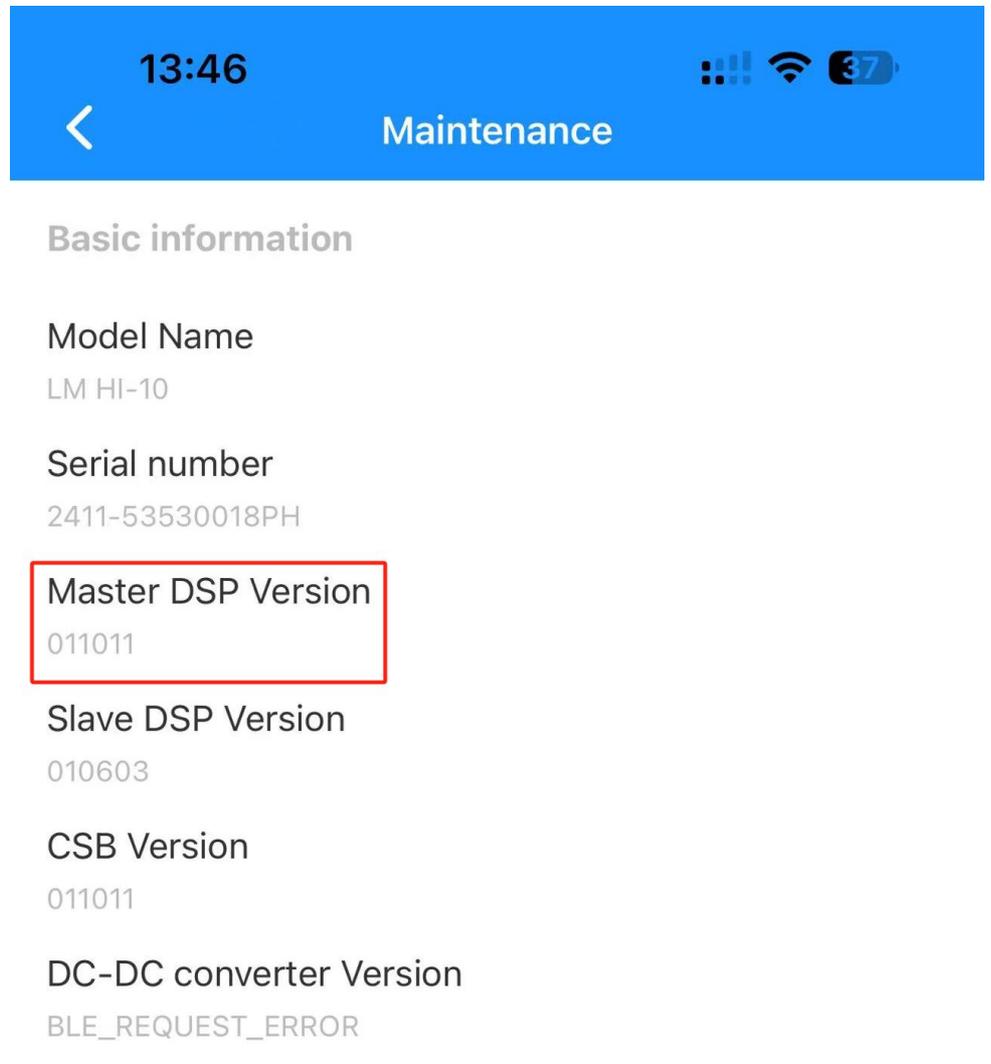


Installation: Settings

Connect to the inverter via the SolarTouch app and check the firmware version by navigating to **Console > Maintenance**.

The **Master DSP firmware version** should be **011011** or **higher**.

Note: If an update is needed, see next page.



The screenshot shows the 'Maintenance' screen in the SolarTouch app. At the top, there is a blue header with a back arrow, the time '13:46', and status icons for signal strength, Wi-Fi, and battery (37%). Below the header, the title 'Maintenance' is displayed. Underneath, there is a section titled 'Basic information' which lists several system details: Model Name (LM HI-10), Serial number (2411-53530018PH), Master DSP Version (011011), Slave DSP Version (010603), CSB Version (011011), and DC-DC converter Version (BLE_REQUEST_ERROR). The 'Master DSP Version' entry is highlighted with a red rectangular box.

Model Name	LM HI-10
Serial number	2411-53530018PH
Master DSP Version	011011
Slave DSP Version	010603
CSB Version	011011
DC-DC converter Version	BLE_REQUEST_ERROR

Update inverter firmware

If the Master DSP firmware version is **lower** than 011011, the inverter needs to be updated.

Send the following email to Efore to update the inverter.

To: info@efore.com

Subject: Efore AiO Inverter Update for VPP Services with CheckWatt
[SERIALNUMBER]

Please update the following system for VPP Services with CheckWatt.

Inverter model: Efore AiO

S/N: XXXXXXXXXXXXXXXX

Regards [Name]