



# Product Release Note

## ONE Controller for Residential

March 2025

## Product: ONE Controller for Residential

PN: SEM-MNG-WBTE-H0-00/SEM-MNG-WBTE-H0-01


Release Date: March 2025

### Released firmware versions

Product	Approved version
ONE Controller for Residential	1.1.40
Inverters' FW bundle	4.22.40 or newer
SolarEdge Go App	1.5
mySolarEdge	2.32

### ONE Controller features

Feature	Feature description
ONE Controller commissioning	Commissioning of the ONE Controller using SolarEdge Go. The Controller can be connected to the home router over Wi-Fi or Ethernet cable.
FW upgrade	The ONE Controller is automatically upgraded during commissioning.

Feature	Feature description
Integration with third party EV chargers	<p>The following EV chargers are supported:</p> <div>  <b>NOTE</b>  The specific EV charger models can be found in <a href="#">this Application Note</a> </div> <ol style="list-style-type: none"> <li>1. Mennekes AMTRON</li> <li>2. Wallbox PULSR</li> <li>3. ABB TERA AC</li> </ol> <p>Supported features:</p> <ol style="list-style-type: none"> <li>1. Pairing using SolarEdge GO</li> <li>2. Manual charge</li> <li>3. Scheduled charge</li> <li>4. Excess PV</li> <li>5. Import limit control</li> <li>6. Monitoring and Control mySolarEdge</li> </ol> <p>For additional details on the integration procedure refer to: <a href="#">SolarEdge ONE for Residential Third-Party Integrations Guide</a>.</p>
Integration with Vaillant heat-pump	<p>Supported features:</p> <ol style="list-style-type: none"> <li>1. Pairing using SolarEdge GO</li> <li>2. Excess PV</li> <li>3. Monitor and Control mySolarEdge: Enables the homeowner to set the Activation mode, the Domestic Hot Water temperature and setpoint, and the Climate temperature and setpoint.</li> </ol> <p>For additional details on the integration procedure refer to <a href="#">SolarEdge ONE for residential third-party integrations guide</a>.</p>

## Approved configuration

The ONE Controller supports the following inverter platforms:

- SolarEdge Home Wave Inverter- Single Phase
- SolarEdge Home Hub Inverter- Single Phase
- SolarEdge Home Wave Inverter- Three Phase

- SolarEdge Home Hub Inverter- Three Phase
- SolarEdge StorEdge Three phase
- Three Phase Inverter (SE12.5K/SE16K/SE17K)

## List of approved geographical locations

EU

## Release limitations

1. When commissioning a ONE Controller, the site's leader inverter should be connected to the home router through a single interface; Wi-Fi or Ethernet.
2. In case the IP address of the local network changes, the user might be required to reconfigure the EVC.

## Known issues

1. Factory reset of the ONE Controller does not remove 3rd party devices from the Inverter Managed Device List.
2. Before the firmware upgrade, the LEDs do not behave as described in the installation manual. The firmware upgrade is done automatically during commissioning.