

AEG



AEG NET-STICK
REMOTE MONITORING
QUICK SETUP GUIDE

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THANK YOU FOR CHOOSING AEG

Follow these instructions to successfully monitor the performances of your AEG grid-tied solar inverter with the AEG Net-Stick. This guide is meant to provide a reference for setting up the AEG Net-Stick in Remote Monitoring modus with the aid of the AEG InverterControl App.

The AEG Net-Stick is a communication module enabling the transmission of relevant performance data from your AEG inverter to the monitoring software (AEG InverterControl App and AEG InverterControl Monitoring Webportal)

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1. SAFETY RECOMMENDATIONS

- General safety recommendations**
- Only qualified electricians are allowed to install the AEG Net-Stick.
 - Make sure the installation site is not accessible to children or non-authorized personnel.
 - Remove metal accessories such as rings or bracelets before installation and electrical connection to avoid electric shock.
- Product safety recommendations**
- Do not store, place or install the AEG Net-Stick on or close to combustible materials.
 - Ensure reliable connection between the AEG Net-Stick and the inverter.

2. PRODUCT UNPACKING AND INSPECTION

- 2.1 Product unpacking**
- Double-check the order information and the product nameplate to ensure the products are of the ordered

type and that the package is not damaged. Should you find any problems, contact your supplier immediately.

IMPORTANT: Please keep the package of the AEG Net-Stick. On the box you will find relevant information such as the Serial Number and the Product Key which are needed to complete the configuration process.

2.2 Product inspection

Product look

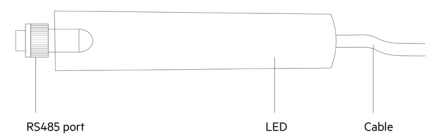


Figure 1: AEG Net-Stick look

3. MECHANICAL INSTALLATION

The AEG Net-Stick should be fastened to the installed AEG solar inverter and connected to your LAN Router following the steps below:

- 1- Complete the installation of your AEG inverter in the selected place.
- 2- Connect the DC input and AC output and switch the inverter on.
- 3- Fasten up AEG Net-Stick to the RS485 port of your AEG inverter. Plug the network cable to the LAN Port of your Router.
- 4- Wait until the hotspot „AEG WiFi“ can be found. Check the available wireless networks from your mobile or PC to understand if the hotspot was successfully set up.
- 5- Now you can proceed to configuring AEG Net-Stick.

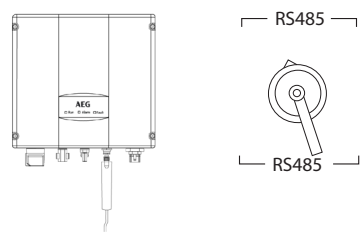


Figure 2: AEG Net-Stick connected to an AEG inverter

4. CONFIGURATION

The AEG Net-Stick is by default configured for Remote Monitoring. Before starting with the Remote Monitoring configuration of the AEG Net-Stick, you first need to register a Remote Monitoring Account via the AEG InverterControl App.

4.1 The AEG InverterControl App


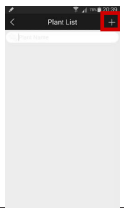
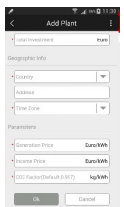
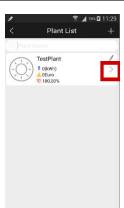
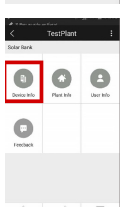



The AEG InverterControl App for iOS and Android is available in the App Store and Google Play respectively.

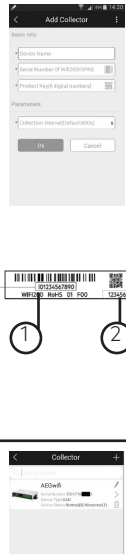



4.2 Registering an account via the App

1	Download the AEG InverterControl App from the App Store / Google Play	
2	Launch the App and select „Remote Monitoring“	
3	You will be prompted to the Login and Registration page. Click on the „Register“ button.	
4	Fill in the data. Please make sure that you choose a User Name without special characters / blank spaces. Press „Register“ to confirm.	
5	Return to the main interface of the app. Select „Remote Monitoring“	

6	Login with the Remote Monitoring Account you just created.	
7	Click „+“ to add a new plant.	
8	Fill in the required data and confirm with „OK“.	
9	Now add the AEG Net-Stick: select your plant and click on „>“	
10	Click on „Device Info“	
11	On the Collector page, click on „+“ to add an AEG Net-Stick.	

Find more materials on AEG inverters online at www.aeg-industrialsolar.de/aeg-inverter-service

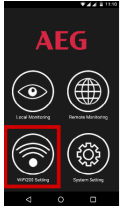
12	Input the name of the Net-Stick (you can choose one arbitrarily) along with the Serial Number and Product Key that you will find on the Net-Stick packaging (and/ or on the product itself). The Serial Number (1) is written under the bar code. The Product Key (2) is the 6-digit number. Press „OK“ to save the settings and proceed.	
13	Refresh the App and you will find the newly added AEG Net-Stick.	


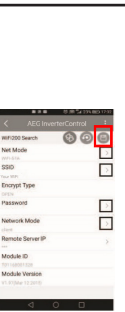

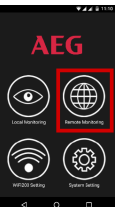


If you have more inverters in your plant, please repeat steps 10 to 13 to add the extra Net-Sticks to the plant.

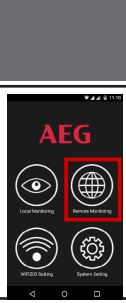

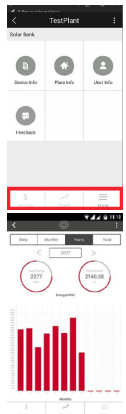
You can now proceed to configure the AEG Net-Stick for Remote Monitoring via the App following the below procedure.

4.3 Configuring the Net-Stick for Remote Monitoring

The AEG Net-Stick is by default configured for Remote Monitoring. At this stage you can already start monitoring your AEG inverter and can start from point 6 below. However, if you wish to double-check (for any reason) the remote monitoring parameters, you can start from point 1 below.

1	Connect your mobile phone to your router over WLAN (the same router the Net Stick is physically connected to)	
2	Launch the AEG InverterControl App and select „WiFi settings“.	

4	Click on the AEG Net-Stick when the App finds it.	
5	Check if the parameters are correctly indicated as below: Net Mode: „Default“ SSID: „Default“ (AEG WiFi) IP Type: DHCP Password: (empty) Network Mode: „Client“ Remote Server IP: 14.215.130.186	
6	Wait for approximately 15 minutes to allow for synchronization.	
7	Launch again the AEG InverterControl App. Select „Remote Monitoring“.	
8	Login with your credentials.	
9	You have now successfully installed your AEG Net-Stick and you can start monitoring your inverter.	

5. MONITORING YOUR INVERTER		
1	Launch the AEG InverterControl App, select „Remote Monitoring“ and login with your credentials.	
2	Select your plant and click on the „>“ icon.	
3	Access the general interface of your plant. By clicking on the monitoring options you can access the different reports and monitoring parameters	

6. FURTHER INFORMATION / CONTACTS

You can download further materials about AEG grid-tied solar inverters at www.aeg-industrialsolar.de/aeg-inverter-service.

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