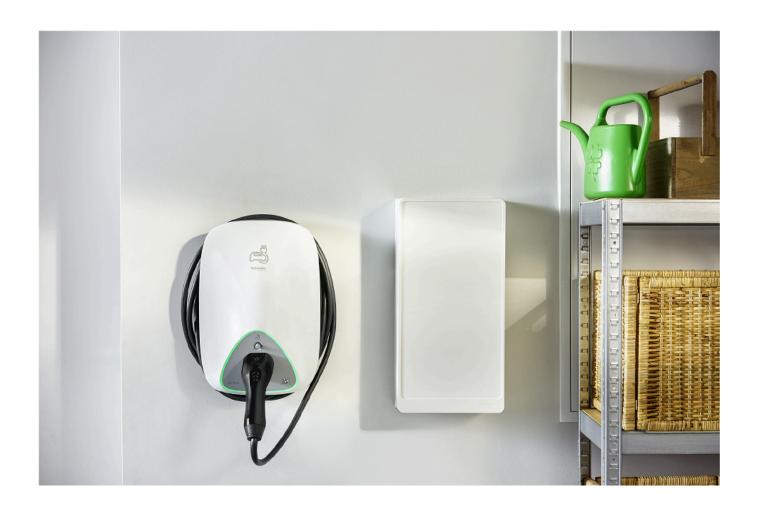
EVlink Home Smart

Device user guide

Information about features and functionality of the devices.

05/2024





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Safety Information

Important Information

Read these instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this manual or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of either symbol to a "Danger" or "Warning" safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that accompany this symbol to avoid possible injury or death.

AADANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

Failure to follow these instructions will result in death or serious injury.

AWARNING

WARNING indicates a hazardous situation which, if not avoided, **could result** in death or serious injury.

ACAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

EVlink Home Smart



EVH4AxxN2 EVH4AxxN400F



EVH4AxxNC

For your safety

AADANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- The equipment must be installed, commissioned, serviced, and maintained only by qualified personnel.
- The charger, the cable and the connector must be regularly checked by to detect any potential damage (visual inspection).
- In case the charger is damaged, it must be immediately turned off and replaced.
- Do not open or modify the charger.

Failure to follow these instructions will result in death or serious injury.

AWARNING

RISK OF INJURY

- Do not use any extension cable to connect the charger to the electric vehicle
- Do not connect any other type of loads to the charger (power tools, etc.).
 Only connect electric vehicles or their charging equipment.
- Do not use brute force to unplug the charging connector from the Electric Vehicle as it is mechanically locked.
- Prevent the connector to be in contact with heat source, dirt or water.
- When using an integrated charger to charge your electric car, please read the vehicle's tips and instructions carefully.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

ACAUTION

RISK OF DAMAGING THE CHARGING STATION

Never clean the charging point by spraying it with water (Hose for garden watering, high pressure cleaners, etc)

Failure to follow these instructions can result in injury or equipment damage.

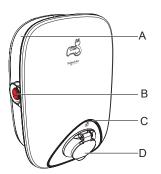
About the device

EVlink Home Smart provides homeowners with an easy and smart charging experience. This charging station is an electrical appliance that supplies electric energy to charge plug-in electric vehicles for indoor and private outdoor areas. The Wiser app for residential energy management enables easy access to monitor and control the charging experience remotely. Schedule your charging to utilize renewable power charging option. This helps homeowners to optimize consumption, avoid power overruns and reduce the carbon footprint.

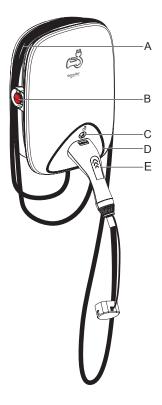
The EVlink Home Smart when installed with Anti-Tripping Module, provides you an end-to-end solution and better user experience on power load management. For more information, refer EVlink Home Anti-tripping System, page 7

Operating elements

EVH4AxxN2, EVH4AxxN400F



EVH4AxxNC



- A. Cable winding trough
- B. Stop button
- C. LED status indicator
- D. Charging socket

- A. Cable winding trough
- B. Stop button
- C. Connector unlock button
- D. LED status indicator
- E. Charging connector dock

EVlink Home Anti-tripping System



EVA1HPC1



EVA1HPC3

Overview

Home anti-tripping is a power load management system that continuously adapts the power supplied to charge the car, taking home consumption into account. The power availability is calculated by the anti-tripping system by comparing the utility power limit and the home consumption gathered by a current transformer positioned on the bottom of the main circuit breaker.

NOTE: Anti-tripping module is designed for use with the EVlink Home Smart. Do not use with other electrical devices.

Installing Anti-tripping system

Refer to the installation instruction supplied with this product.

- EVlink Home anti-tripping system 1P+N, EVA1HPC1
- EVlink Home anti-tripping system 3P+N, EVA1HPC3

Installation video: Anti-tripping system installation

Installing EVlink Home Smart

Refer to the installation instruction supplied with this product.

- EVlink Home Smart EVH4AxxN2, EVH4AxxNC
- EVlink Home Smart EVH4AxxN400F

Installation video: EVlink Home Smart installation

eSetup Commissioning

eSetup is a customized, dedicated app for electricians, to make commissioning as simple and easy as possible.

To commission EVlink Home Smart, please download and install eSetup app.

NOTE: This app should only be used by authorized/professional installers.

For Android mobile phones: Click here or scan QR code.

For Apple mobile phones: Click here or scan QR code.



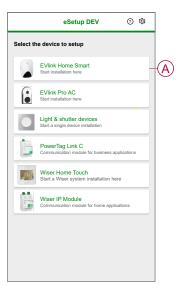


Once the EVlink Home Smart is installed, follow the steps to commission via eSetup app based on your country.

eSetup Commissioning-France

Once the EVlink Home Smart is installed, follow the steps to commission via eSetup app:

1. Open eSetup app and select EVlink Home Smart (A).



- 2. Power on the EVlink Home Smart to activate the Wi-Fi® access point. The Wi-Fi® access point will remain active for 4 minutes, after power-on.
- 3. Enable Wi-Fi® on your smartphone and connect to the EVlink Home Smart via Wi-Fi® direct.
- 4. In eSetup app, tap Open Settings (B).



- 5. Select EVlink Home Smart France.
- 6. On the screen enter the New PIN, confirm the PIN and tap Save.

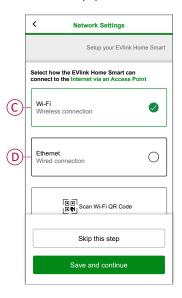
NOTE: The PIN must contain 6 to 16 digits, cannot contain the same digit more than 3 times, or a suit of 6 digits or more.

New PIN update is successful.

- 7. On the next page, enter the New PIN and tap **Connect**.
- 8. On the **firmware** page, if EVlink Home Smart firmware is up to date, tap **Continue** to view **Network Settings**.

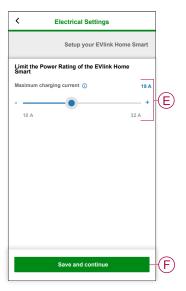
NOTE: If a new firmware version is available, tap **Update** and tap **OK** after the update is done.

- 9. In **Network Settings** page, select the way to connect the EVlink Home Smart to the internet and tap **Save and continue**.
 - Wi-Fi (C): Tap on Scan Wi-Fi QR Code and scan the QR code on your router to connect to Wi-Fi® automatically. Alternatively, you can choose from the list of available networks by tapping Select a network or manually enter the Wi-Fi® network name and password.
 - Ethernet (D): Enter the network details to connect.



10. In **Electrical settings** page, select the power rating of the EVlink to match the electric installation. You can use the **sliding bar** (E) or **-/+** to limit the charging current and tap **Save and continue** (F).

NOTE: Minimum and maximum charging currents are 10 A and 32 A respectively.



11. In **Device settings** page, you can enable or disable the power meter using the **toggle switch** and then tap **Save and continue**.

NOTE: MID meter is a power meter device that allows you to record the energy consumption of a charging installation. If you enable this option make sure you have connected the power meter to the EVlink Home Smart.

12. In **Energy Management** page, you can enable or disable **TIC Communication** using the toggle switch (G) and then tap **Save and continue** or **Skip this step** as per your need.

NOTE

- TIC: Tele-Information Client with French meter. The TIC device is connected to the switchboard. It will save all data of energy consumption by all devices in the house. This will help to track the energy needed for the EVlink Home Smart. Wiser app manages the Anti-tripping management delayed charging during peak, off peak hours according to the current information provided by the TIC.
- The EVlink Home Smart is configured in Mode 1. You can enable or disable the communication between the EVlink Home Smart and the TIC device.



- 13. Tap Continue in the Supervision page.
- 14. Once all the device settings are configured, tap **Handover to customer** and share the PIN with the customer.

15. After sharing the PIN, read the instructions and swipe to navigate to next screen. Tap I understand: restart (H) to restart the EVlink Home Smart. Please wait for 5 minutes before the EVlink Home Smart connects to the internet router.



- The LED will slowly pulse light green during 5 minutes.
- The EVlink Home Smart shall be restarted according to the applied configuration.

NOTE: In case you need to modify the commissioning parameters, you can reconnect to the EVlink Home Smart during 5 minutes, after restart or power-on.

The LED will turn to solid green 5 minutes after restart confirming that the EVlink Home Smart is successfully connected for remote operation.



NOTE: The LED pulse light green slowly when the EVlink Home Smart is not connected to the internet.

Post-requisite: Use Wiser Home app to monitor and control the EVlink Home Smart.

Refer Pairing the device, page 18 to pair the device with Wiser Home app.

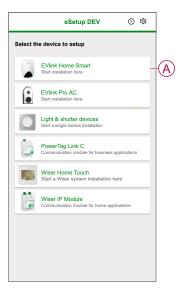
Refer Using the device, page 44 to monitor and control with Wiser Home app.

12

eSetup Commissioning-International

Once the EVlink Home Smart is installed, follow the steps to commission via eSetup app:

1. Open eSetup app and select EVlink Home Smart (A).



- 2. Power on the EVlink Home Smart charger to activate the Wi-Fi® access point. The Wi-Fi® access point will remain active for 4 minutes, after power On.
- 3. Enable Wi-Fi on your smartphone and connect to the EVlink Home Smart via Wi-Fi direct.

Connection

Connect to the EVlink Home Smart via Wi-Fi Direct.

1. Energize the EVlink Home Smart to switch to Wi-Fi Direct mode.

2. Enable Wi-Fi on this device.

3. If you do not see network with a "EVlink Home Smart" name, turn off the power supply to the charging station. Wait for atleast 10 seconds before turning on the power supply. Try to search for the network again after 1 min.

4. In eSetup app, tap Open Settings (B).

- 5. Select EVlink Home Smart International
- 6. On the screen enter the New PIN, confirm the PIN and tap Save.

 (B)

NOTE: The PIN must contain 6 to 16 digits, cannot contain the same digit more than 3 times, or a suit of 6 digits or more.

New PIN update is successful.

- 7. On the next page, enter the New PIN and tap Connect.
- 8. On the firmware page, if EVlink Home Smart firmware is up to date, tap **Continue** to view **Network Settings**.

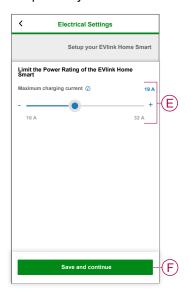
NOTE: If a new firmware version is available, tap **Update** and tap **OK** after the update is done.

- 9. In **Network Settings** page, select the way to connect the EVlink Home Smart to the internet and tap **Save and continue**.
 - Wi-Fi (C): Tap on Scan Wi-Fi QR Code and scan the QR code on your router to connect to Wi-Fi automatically. Alternatively, you can choose from the list of available networks by taping Select a network or manually enter the Wi-Fi network name and password.
 - Ethernet (D): Enter the network details to connect (use RJ45 cable type).



10. In **Electrical settings** page, select the power rating of the EVlink to match the electric installation. You can use the **sliding bar** (E) or **-/+** to limit the charging current and tap **Save and continue** (F).

NOTE: Minimum and maximum charging currents are 10 A and 32 A respectively.

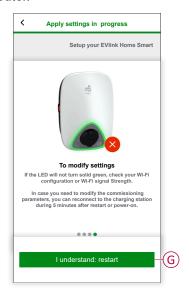


11. In **Device settings** page, you can enable or disable the power meter using the **toggle switch** and than tap **Save and continue**.

NOTE: If you enable this option make sure you have connected the power meter to the EVlink Home Smart.

- 12. Tap Continue in the Supervision page.
- 13. Once all the device settings are configured, tap **Handover to customer** and share the PIN with the customer.

14. After sharing the PIN, read the instructions and swipe to navigate to next screen. Tap **I understand : restart** (G) to restart the EVlink Home Smart. Please wait for 5 minutes before EVlink Home Smart connects to the internet router.



- · The LED will slowly pulse light green during 5 minutes.
- EVlink Home Smart shall be restarted according to the applied configuration.

NOTE: In case you need to modify the commissioning parameters, you can reconnect to the charging station during the 5 minutes, after restart or power-on.

The LED will turn to solid green 5 minutes after restart confirming that EVlink Home Smart is successfully connected for remote operation.



NOTE: The LED pulse light green slowly when the EVlink Home Smart is not connected to the internet.

Post-requisite: Use Wiser Home app to monitor and control the EVlink Home Smart.

Refer Pairing the device, page 18 to pair the device with Wiser Home app.

Refer Using the device, page 44 to monitor and control with Wiser Home app.

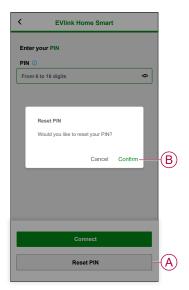
Resetting the PIN using eSetup app

If eSetup PIN code is lost, you can reset the PIN code to default value using the eSetup app.

Power on the EVlink Home Smart to activate the EVlink Home Smart Wi-Fi[®] direct.

The Wi-Fi® direct will remain active for 4 minutes after power on.

- 2. Open eSetup app and select **EVlink Home Smart**, and then tap **Open Settings**.
- 3. Select EVlink Home Smart International or EVlink Home Smart France based on where the EVlink Home Smart is installed.
- 4. On the screen enter the **New PIN**, confirm the PIN and tap **Save**.
- 5. Tap Reset PIN (A) and select Confirm (B).



6. Press the **Stop button** within 3 minutes, 30 seconds.

NOTE: Unlock the Stop Button by rotating it 90° clockwise.



7. After 10 seconds, enter the **New PIN**, confirm the PIN and tap **Save**.

NOTE: The PIN must contain 6 to 16 digits, cannot contain the same digit more than 3 times, or a suit of 6 digits or more.



New PIN update is successful.

Pairing the device to Wiser Home app

IMPORTANT: Make sure that the EVlink Home Smart has been configured by an electrician.

To pair the device:

- 1. On the **Home** page, tap
- 2. Tap Devices > Energy.
- 3. Select EVlink Home Smart.
- 4. On EVlink Home Smart Setup page, tap Next.

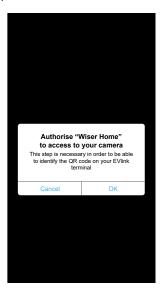


5. Tap Open camera to scan QR code on your EVlink terminal.



A notification window will prompt you to authorize Wiser Home to access your camera.

6. Tap **OK**.



7. Point the camera and scan the QR code near the charging socket/connector dock.



You need to wait for up to 5 minutes for the $\mbox{\bf EVlink Home Smart}$ to join the setup.

- 8. If you wish to name the EVlink Home Smart, tap and enter a name.

 NOTE: By default, the name will appear as EVlink Home Smart.
- 9. Tap Next and then tap Finish.





On successful pairing, the EVlink Home Smart will appear on the app's home page.

Configuring the device

Renaming the device

Using the Wiser Home app, you can rename your device for easy identification.

To rename the device:

- 1. On the Home page, tap All > EVlink Home Smart > Device settings.
- 2. Tap and enter a new name.

The settings will be saved automatically.

Setting Tariff

You can set tariff in the Wiser Home app to access your energy cost and billing data.

You can set the tariff based on your contract type:

• **Flat rate**: Flat rate is defined as the fixed rate for the entire time period of electricity service. Configuring - flat rate, page 22.

Peak/Off-Peak Hours rate: Peak rate is defined as a rate set to a specific period of time at which electrical consumption is at its highest. Off peak rate is the time period when the demand for power is at its lowest. It is the amount you pay for each unit of electricity consumed for the time period set. Refer to Configuring - peak rate, page 25.

 No contract: Electricity rate is not set, no information related to bill will be shown in the app.

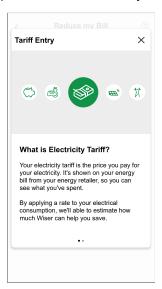
NOTE:

- By default, No Contract option is set.
- Before changing your tariff type from peak rate to flat rate or no contract, please change charging mode from Reduce My Bill to Charge Now or Customized Schedule.

Once the device is commissioned, user gets notified that this feature is available. The **Tariff Entry** screen appears on the Home page.

- 1. Tap Continue.
- 2. Read the feature update and swipe to navigate to next screen.

3. Tap \times to close the overlay screen.



NOTE: If you have not configured your tariff, a push notification will be sent after 2 weeks and the last reminder after 6 weeks.

Configuring - flat rate

22

To set flat rate:

1. After reading the Tariff onboarding information. On the **Tariff** screen, tap **Electricity**.

NOTE: If you have already configured your tariff settings, follow below menu navigation if you need to modify tariff rate

On the **Home** page, tap > **Tariff > Electricity**.

2. Tap (A) and select Flat.

- 3. Tap (B) to set the contract limit. The Contract Limit page appears.
 - a. Select your contract limit (kVA/A/kW) from the dropdown menu, then tap
 and enter a value using the dial pad as per your country.

NOTE: Contract limit is the maximum permissible power on the Grid on your contract. It will help to prevent power tripping by shutting down loads in order to keep the power consumption under a defined

The following table displays the default values within the range:

limit. By default, the contract limit is set to measure in kVA.

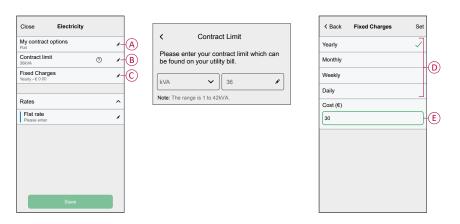
Country	Default Value	Range
France	36 kVA	1–42 kVA
Germany	60 A	15–160 A
Spain	15 kW	1–42 kW
Belgium	40 A	15–160 A
Sweden	20 A	16–63 A
Denmark	25 A	25–35 A

IMPORTANT: You cannot enter a value that is greater or less than the specified range.

A notification window will be prompted that the Contract Limit is used by Anti-Tripping Management algorithm. If set incorrectly it may not work as expected and could result in the power tripping.

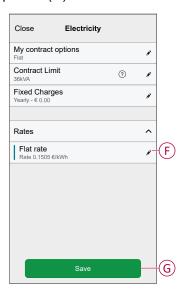
IMPORTANT: Anti-Tripping is applicable only if you have installed Water Heater or EV Socket in your home.

- b. Tap Continue, if you like to proceed.
- 4. Tap (C) and select a subscription type (D) (refers to recurrent fee).
- 5. Enter a value in the Cost (€) (E) field and tap Set.



Tap (F), enter a flat rate of consumption in the Rate - €/kWh field and tap Update.

7. Tap **Save** (G).



Configuring - (peak/off-peak) rate

To set peak rate:

1. After reading the Tariff onboarding information. On the **Tariff** screen, tap **Electricity**.

NOTE:

- If you have already configured your tariff settings, follow this menu navigation to if you need to make changes:
- On the **Home** page, tap Tariff > Electricity.
- 2. Tap (A) and select Time of use (peak /off-peak hours).
- 3. Tap (B) to set the contract limit.
 - a. Select your contract limit (kVA/A/kW) from the dropdown menu, then tap

and enter a value using the dial pad as per your country.

NOTE: Contract limit is the maximum permissible power on the Grid on your contract. It will help to prevent power tripping by shutting down loads in order to keep the power consumption under a defined limit. By default, the contract limit is set to measure in kVA.

The following table displays the default values within the range:

Country	Default Value	Range
France	36 kVA	1–42 kVA
Germany	60 A	15–160 A
Spain	15 kW	1–42 kW
Belgium	40 A	15–160 A
Sweden	20 A	16–63 A
Denmark	25 A	25–35 A

IMPORTANT: You cannot enter a value that is greater or less than the specified range.

A notification window will be prompted that the Contract Limit is used by Anti-Tripping Management algorithm. If set incorrectly it may not work as expected and could result in the power tripping.

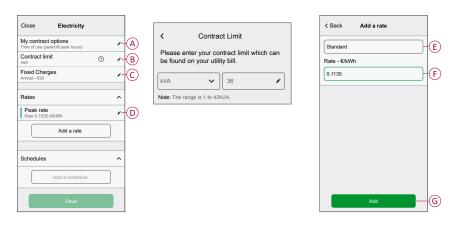
IMPORTANT: Anti-Tripping is applicable only if you have installed Water Heater or EV Socket in your home.

- b. Tap Continue, if you like to proceed.
- Tap (C) and select a Fixed Charges type (refers to recurrent fee) -Yearly, Monthly, Weekly, Daily.
- 5. Enter a fixed charge value in the Cost (€) field and tap Set.

NOTE: The **Fixed Charges** is applied to recover the basic cost of electric service, independent of how much energy is used. These charges are electricity costs that don't change no matter how much electricity you use. This amount is fixed in your electricity bills.

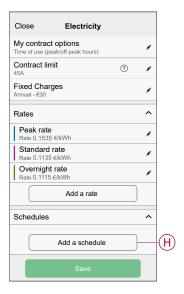
- 6. Tap (D), enter peak rate of consumption in the Rate €/kWh field and tap Update.
- 7. Tap Add a rate.
- 8. Enter the name of the rate in the text field (E).

9. Enter a target value in the Rate - €/kWh field (F) and tap Add (G).



NOTE: Maximum 5 additional rates can be added.

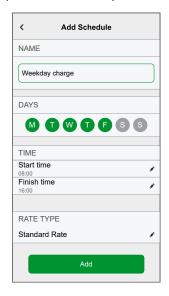
10. Tap Add a Schedule (H) to set the time frame.

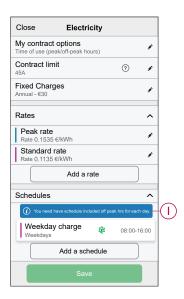


- 11. Enter a schedule name in the **NAME** field. Example, Weekend tariff.
- 12. Select the days of the week in **DAYS** field to apply the schedule.
- 13. Tap to set **Start time** and **Finish time**.
- 14. Tap and select a RATE TYPE.

IMPORTANT: It is necessary to set off-peak hours for each day per schedule (I) else you will not be able to save your tariff details.

15. Tap Add and then tap Save.





TIP: You can create multiple schedules by tapping Add a schedule.

NOTE: Avoid assigning the same date and time to more than one schedule to avoid conflicts.

Charging mode

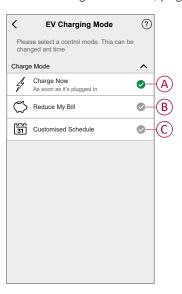
Using the Wiser Home app, you can manage the mode of charging.

- 1. On the Home page, tap All > EVlink Home Smart.
- 2. On the device control panel page, tap **Charging Mode**.
- 3. On the **EV Charging Mode** menu, select any one of the following options:
 - A. **Charge Now**: charging will start as soon as the cable is plugged in to Electric vehicles (EV).
 - B. **Reduce My Bill**: your electric vehicles will automatically start charging at the next cost effective time period based on the tariff to reduce your total cost of charging.

IMPORTANT: This feature is applicable only for France, Spain, Portuguese and when there are suitable tariffs created. Refer to Reduce My Bill, page 29 and Tariff plan configuration, page 25.

C. **Customized Schedule**: create your own schedule to charge your electric vehicles.

Refer to Creating a schedule, page 47.



NOTE: You can change the charging mode at any time.

Reduce My Bill

Reduce my Bill - Expert rule

IMPORTANT: Reduce my bill feature is available only in Australia, France, German, Spain and Portugal.

This feature automatically schedule your loads when the cost is the cheapest. Shifting loads at low tariff periods reduces the energy bill. Based on your tariff input, enabling this feature will automatically switch your high-consuming devices ON during the cheapest electricity rates and OFF during peak hours.

IMPORTANT: While the feature is active, Reduce My Bill schedules replace any customized schedules.

Supported devices:

- Power Micromodule (Water Heater)
- · EVLink Home Smart
- EV Connected Socket
- Schneider Charge

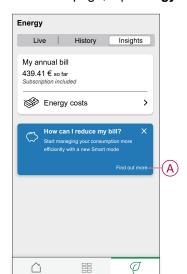
Pre-requisite

- · Commission one of your PowerTag as Grid. Refer to Pairing the main device.
- Commission the supported devices. Refer to Pairing the device Power Micromodule, EVLink Home Smart, EV Connected Socket, Schneider Charge.
- Set your peak/off peak tariff according as per your electricity contract. Refer to Setting tariff.

Once device is commissioned and the tariff is set, user gets notified in the **Insights** tab that this feature is available and also a push-notification is sent.

Enabling Reduce my Bill

To enable Reduce my Bill:



1. On the Home page, tap **Energy > Insights** then tap **banner** (A).

IMPORTANT:

- Do not accidentally close the banner as it takes 2 weeks for this option to reappear.
- If you close the banner again, a final reminder will appear after 6 weeks.
- Read the tutorial information and tap Next twice, then tap Go to Reduce my Bill settings.
- 3. Enable the toggle switch for the devices you want to have this feature.

IMPORTANT:

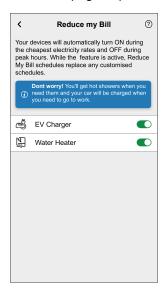
- If you have closed the reminder banner, you can also enable the Reduce My Bill feature in the Settings page.
- On the Home page, tap > Energy Management > Reduce my Bill and follow step 3.

NOTE: After enrolling devices to RMB-AI, refer to Using Reduce My Bill, page 39 to view how the devices are controlled and scheduled for usage.

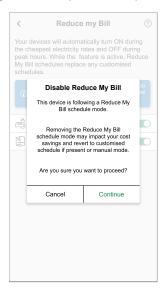
Disabling Reduce my Bill

To disable Reduce my Bill:

1. On the Home page, tap > Energy Management > Reduce my Bill.



- 2. Disable the toggle switch for the devices you don't want to have this feature. A notification window is prompted. Read the information.
- 3. If you wish to proceed, tap ${f Continue}$ else tap ${f Cancel}$.



Reduce My Bill - Al

Reduce my bill with Artificial Intelligence (hereinafter referred as RMB - AI) is a feature that allows users to save electricity costs by enrolling high energy devices like EV Charger (EVlink Home Smart, Schneider Charge, EVlink socket) or resistive Water boilers (controlled with a micromodule). It is used with variable tariffs, such as peak/off-peak tariff, and relies on users to answer routine questions. The AI creates smart schedules for enrolled devices and limits the usage of these devices when electricity prices are high, while following user's habits. It adapts the last 30 days of consumption data from the Grid.

- Savings on electricity bills upto 10 %
- Your savings will be monitored on a daily, monthly and yearly basis.

IMPORTANT:

- The AI system learns by itself and benefits from historical data on electricity consumption. It can already optimize to some extent without pre-existing data, and its performance will improve significantly over time.
- While this feature is active, RMB Al schedules replace any customized schedules.
- You can enroll upto two different devices 1 EV device and 1 Water Heater.

Supported devices:

- Power Micromodule (16 A / Water Boiler)
- EV Socket
- EVlink Home Smart
- Schneider Charge

Pre-requisite

32

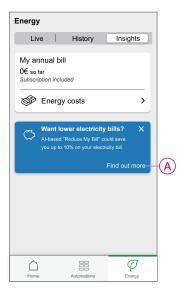
- Commission one of your PowerTag as Grid. Refer to Pairing the main device.
- If you have installed solar panels in your home. Refer to Pairing the device with Energy storage system.
- Commission the supported devices. Refer to Pairing the device
 - Power Micromodule (16 A / Water Boiler)
 - EVlink Home Smart
 - EV socket
 - Schneider Charge
- Set your peak/off peak tariff according as per your electricity contract. Refer to Setting tariff.

Enabling Reduce My Bill with AI

The following is an example of enabling RMB-AI with EV Charger and Water heater installed.

To enable RMB AI:

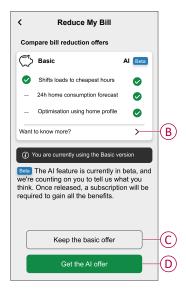
 On the Home page, tap Energy Dashboard > Insights, then tap splash screen (A).



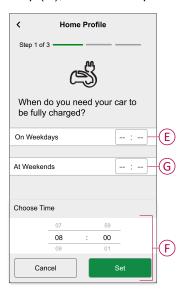
- 2. Tap (B) to read the tutorial information.
- 3. Follow any one of the steps as per need:
 - Tap (C) if you want to use the basic offer.

NOTE: Basic offer is the RMB - Expert rule offer that is already opted.

- A notification window will be prompted for confirmation. Tap Continue. Refer to Reduce My Bill
- Tap (D) if you want to use the RMB-AI offer.
- On the Home Profile page, tap Continue.



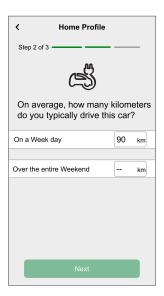
- 4. Set the time when you want your car to be charged:
 - a. Tap (E), select a time period (F) and tap Set.
 - b. Tap (G), select a time period (F) and tap Set.



- 5. Tap Next.
- 6. Enter the number of kilometers required to drive this car using the dial pad:
 - a. Tap On week day
 - b. Tap Over the entire weekend

NOTE:

- If you have any one of the supported devices commissioned, you will see only the related questions.
- If you have all the supported devices commissioned, you will see all
 questions related to the devices. Example, if you have both EV
 Charger and Water Heater, you will see further questions for Water
 Heater.
- 7. Tap Next.



- 8. Enter how many members take showers using the dial pad:
 - a. Tap In the mornings
 - b. Tap In the evenings

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9. Tap **Next**.



You will be directed to **Insights** tab.

Enrolling additional devices

You can add additional devices of different types to RMB-AI. For instance, if you have enrolled 1 EV Charger and 1 Water Heater and you wish to add another EV Charger or Water heater. You must disable the previously enrolled device to enable the new device (EV Charger or Water Heater).

The following is an example of enrolling additional EV Charger or Water Heater with the same type of the existing device.

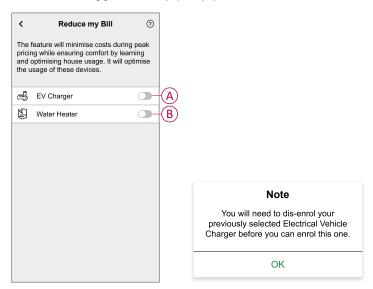
- 1. On the **Home** page, tap > **Energy Management > Reduce My Bill**.
- 2. Tap EV Charger (A) or Water Heater (B).

A notification window will be prompted. Read the information.

- a. Tap **OK** to close the window.
- 3. Disable the first enrolled device to enable your additional device.

A notification window will be prompted that Removing the Reduce my Bill schedule mode may impact your cost savings and will revert to customised schedule if present or manual mode.

- a. Tap Continue.
- 4. Enable the toggle switch (A) or (B) of the new device.



NOTE: After enrolling devices to RMB-AI, refer to Using Reduce My Bill, page 39 to view how the devices are controlled and scheduled for usage.

Enabling Reduce My Bill - AI with Solar

If you have installed and configured solar panels in your home before opting for RMB - Al. You will be notified in the **Insights** tab. You could save up to 50% on your electricity bill.

Pre-requisite

- Commission one of your PowerTag as Grid. Refer to Pairing the main device.
- If you have installed solar panels in your home. Refer to Pairing the device with Energy storage system.

- · Commission the supported devices. Refer to Pairing the device
 - Power Micromodule
 - EVLink Home Smart
 - EV socket
 - Schneider Charge
- Set your flat rate tariff as per your electricity contract. Refer to Setting tariff.

Enabling RMB-Al with Solar

If you have installed solar for the first time before opting for RMB - AI, follow
the same procedure for enabling RMB AI with solar as described in Enabling
Reduce My Bill with AI, page 33.



If you have installed solar after you have opted for RMB - AI, you will be notified in the **Insights** tab.

• The system will automatically optimize your solar production data.



Enrolling and Disenrolling devices from RMB - AI

You can enroll and disenroll the devices as whenever required.

To enroll the existing disabled devices to RMB-AI:

- 1. On the Home page, tap > Energy Management > Reduce my Bill.
- 2. Enable the toggle switch for the devices you want to have this feature.

Disenrolling devices from RMB-AI

To disenroll the devices from RMB-AI:

- 1. On the Home page, tap > Energy Management > Reduce my Bill.
- 2. Disable the toggle switch for the devices you don't want to have this feature. A notification window is prompted. Read the information.
- 3. If you wish to proceed, tap Continue else tap Cancel.

Changing your Home Profile

If you wish to change your home profile details for your devices:

- 1. On the Home page, tap > Energy Management > Home Profiles.
- 2. Tap on the required detail to be updated.
 - · Car Usage
 - Leave home (time)
 - Use daily (Km)
 - Hot Water Usage
 - Use shower in morning (person count)
 - Use shower in evening (person count)

Disabling Reduce My Bill with Al

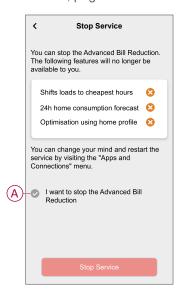
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To disable Reduce My Bill with AI services

1. On the Home page, tap Account > Apps and Connections > Reduce My Bill Al.

2. Read the information and tap (A), then tap **Stop Service**.

NOTE: To reactivate the service again, follow Item 1step 1, page 38 menu navigation and tap **Reduce My Bill AI**. Refer to Enabling Reduce My Bill with AI, page 33 to follow the same procedure.

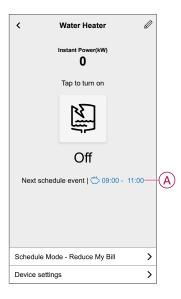


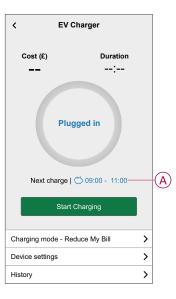
Using Reduce My Bill

Using the Wiser Home app, you can view how the devices are controlled and scheduled for usage.

Control screen

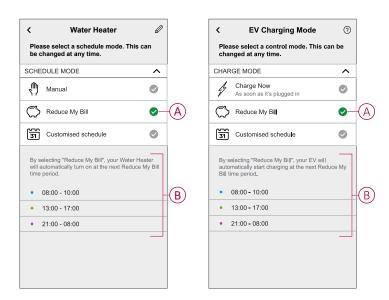
On the Control Panel page, (A) denotes the next schedule for the device to switch on.





Schedule

On the control mode page, when you select **Reduce My Bill** (A), In the next reduced bill period which is listed (B), the device will operate.



Away Mode

If you wish to activate Away Mode with Reduce My Bill. Away Mode will override Reduce My Bill commands based on high priority. For more information on Away Mode, refer to Away Mode.



Insights

To view how much money is saved through Reduce my Bill, refer to Insights.

NOTE: Savings will be shown as per what offer you have opted.

Anti-Tripping Management

The Anti-Tripping Management prevents the circuit breaker from tripping by switching off the load (e.g. Water Heater, EV Socket) or reducing the power of the load. This keeps the total consumption of the system under a defined limit. The limit value is set by your Contract limit, refer to Setting Tariff - Peak/Off peak rate. Devices that are eligible will be added automatically to the Anti-Tripping Management.

IMPORTANT:

- When a device is managed by the Anti-Tripping management, the Schedules, Moments and Automations for that device are not executed.
- This feature is available only in France and Germany.

NOTE: Maximum of 8 devices can be added.

Supported devices:

- Power Micromodule (Water Heater)
- EV Socket
- Smart Plug

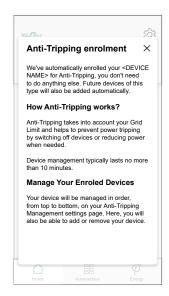
Smart Sockets

Pre-requisite:

- Configure one of your PowerTag as Grid. Refer to Pairing main PowerTag.
- Set the Contract limit.
 A default contract limit is automatically set when pairing the main PowerTag as Grid. You can change the contract limit later if the Grid value set during the PowerTag installation does not match the tariff, refer to Setting Peak/Off peak rate.
- Pair the supported devices. Refer to Pairing the device (based on what devices you have installed) - Power Micromodule, EV socket, Smart Plug, Smart Socket.

Enabling Anti-Tripping Management

Once the prerequisites are completed, user gets notified that this feature is available. The **Anti-Tripping** screen appears on the **Home** page.



- 1. Read the feature update and swipe to navigate to next screen.
- 2. Tap X to close the overlay screen.
 - The supported devices will be enrolled automatically.

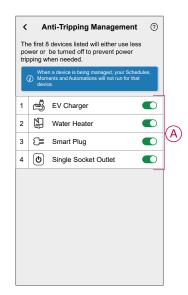
Disabling Anti-Tripping Management

The Anti-Tripping Management feature for the supported devices can be deactivated at any time.

1. On the **Home** page, tap > **Energy Management > Anti-Tripping Management**.

Tap the toggle switch (A) for the devices you want to disable. If the device is currently in use, a notification will prompt you that deactivating this feature may cause your power to trip.

2. Tap Continue to disable.





Activation status

On the Home page and control panel page of the devices, (A) denotes the Anti-Tripping management status.

- The devices will typically be off for upto 10 minutes. It will restart automatically when power is available.
- If you wish to turn on the device in Home page or control panel page, a
 Caution window is prompted that the device is being actively managed. Read
 the information and tap Go to settings and disable the toggle switch to
 remove the device from the Anti-Tripping Management.







Live status

When the Anti-tripping feature is active for any device, the load shedding (A) is shown in the **Live** tab.



Troubleshooting

Error	Possible cause	Solution
Algorithm is currently unavailable displayed in the Live tab.	 The device is offline. System/Hub is unable to receive data from the device. Technical issue. 	Restart your Hub. If the problem still persists contact your installer or visit Help and Support and select your country.

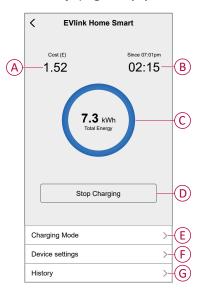
Using the device

The EVlink Home Smart Control Panel allows you to start and stop charging and monitor the power consumption.

On the **Home** page, tap **All** > **EVlink Home Smart** to access the control panel.

On the EVlink Home Smart control panel page, you can see the following:

- · Total cost of charging session (A).
- · Total time of charging in the session (B).
- Total energy consumption in the session (C).
- Control button (Start charging/Stop charging, Pause/Resume) (D).
- · Charging Mode, page 28 (E).
- Device settings (F) You can rename the device or remove the device from the wiser system. Refer to Renaming the device, page 21 and Removing the device, page 54.
- History, page 54 (G).



Similarly you can control and check the current status of EVlink Home Smart from **Home** page.

- Control button (H).
- · Current state of the device (I).



NOTE: Electric vehicles (EV) can't be charged immediately after they have stopped. Reconnect the plug to start charging. Refer Connecting/disconnecting the charger, page 45.

Connecting/disconnecting the charger

Connecting

- 1. Plug in the charging cable connector into the EVlink Home Smart socket.
- 2. Plug in the charging cable connector into the electric vehicle's inlet.
- 3. The EVlink Home Smart's LED indicator will change from constant green to pulsing blue.

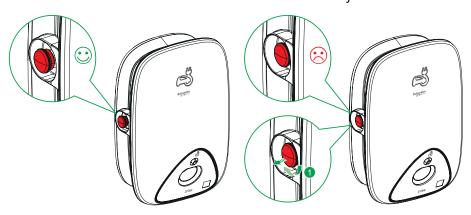
NOTE: For information on LED color, refer to LED indication, page 55.

Disconnecting

- Stop charging the vehicle with Wiser app to unlock the charging cable from vehicle socket.
- 2. Unplug the EVlink Home Smart's connector from the electric vehicle's inlet.
- 3. Wind the charging cable around the EVlink Home Smart winding trough.

Using stop button

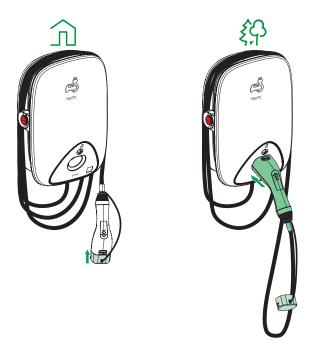
EVlink Home Smart has a stop button to cut off electricity between the charger and the car if the connection cannot be shut down normally.



NOTE: Stop button can also be used to reset the PIN by rotating it 90° clockwise. Refer resetting the PIN, page 17.

Managing the cable

- Ensure that the charging connector and charging cable are securely stored between charging sessions.
- Wrap the charging cable around the EVlink Home Smart's cable trough.
- If EVlink Home Smart is installed indoors, protect the connector by covering it with the dust cap.
- If EVlink Home Smart is installed outdoors, store the connector by plugging it into the socket of the EVlink Home Smart.



Creating a schedule

The EVlink Home Smart can be controlled and triggered by a schedule. Once the schedule is set, your system will follow the active schedule. You can create or modify the schedules at any time.

To create a schedule:

- 1. On the **Home** page, tap **All** > **EVlink Home Smart**.
- 2. Tap Charging Mode.

NOTE: If you have EVlink Home Smart installed with Wiser hub you can also navigate the following path to create schedules:

- On the **Home** page, tap
- Tap Schedules > EV schedule. Proceed with step 3.
- 3. On the EV Charging Mode page, select Customized Schedule.

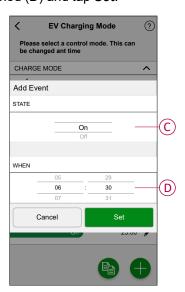
NOTE: The EVlink Home Smart will have a default schedule pre set to the user. You can edit the schedule as required.

IMPORTANT: It is required to set the on and off state for a schedule.

- 4. Select days (A).
- 5. Tap (B).

? EV Charging Mode Please select a control mode. This can be changed ant time CHARGE MODE Charge Now
As soon as it's plugged in • Green charging • Cost Effective 31 Customised Schedule 0 EVENTS 06:00 - 23:00 B) 23:00 (F)

6. Select a state (On/Off) (C), time period (D) and tap Set.

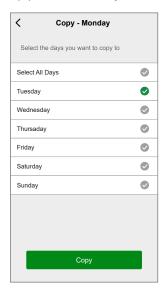


TIP:

 You can add multiple schedules based on your requirement. Select days (A), tap (E), set on/off state and time.

(E)

You can copy the existing schedule to the days of your choice. Tap
 (F), select the days and tap Copy.



Automation

Automation is applicable only for users with **EVlink Home Smart** and **Wiser hub** installed together. An automation allows you to group multiple actions that are usually done together, triggered automatically or at scheduled times. By using the Wiser Home app, you can create automations based on your needs.

Creating an automation

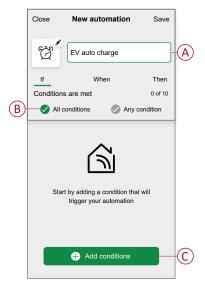
The following is an example of creating an automation to start the EVlink Home Smart when you are away.

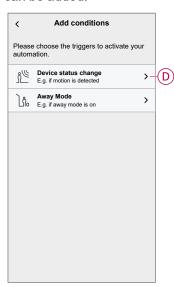
NOTE: EVlink Home Smart can only act as an action.

To create an automation:

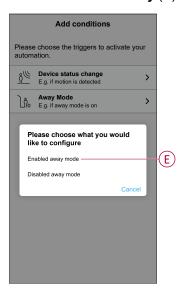
- 1. On the **Home** page, tap
- 2. Go to **Automation** and then tap to create an automation.
- 3. Tap and choose an icon that best represents your automation.
- 4. Enter a name of the automation (A) and select any of the following conditions to meet (B).
 - All conditions: All conditions must be met to trigger an automation
 - Any condition: Any one of the condition must be met to trigger an automation.
- 5. Tap Add conditions (C) and select any of the following (D):
 - Device status change (Select the device)
 - Away Mode (Enable or Disable)

NOTE: Maximum 10 conditions can be added.

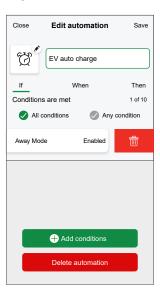




6. Select Enabled mode away (E).



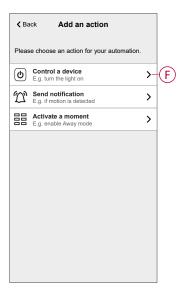
NOTE: To remove an added condition, swipe left and tap ...



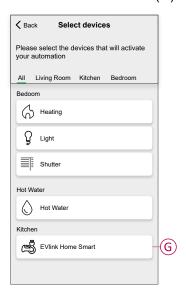
7. To add an action, tap **Then > Add an action** and select any of the following (F):

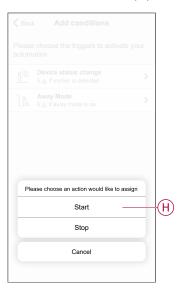
NOTE: Maximum 10 actions can be added.

- Control a device: Select a device that you want to trigger.
- Send notification: Turn on the notification for the automation.
- Activate a moment: Select the moment that you want to trigger.

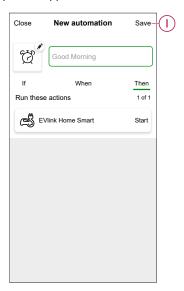


8. Select EVlink Home Smart (G) and then select an action (H) to assign.





9. Tap Save (I).

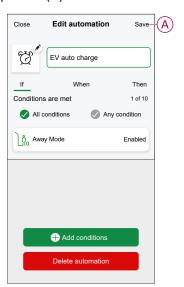


The saved Automation is displayed on the **Automation** page. Tap the toggle switch on the **Automation** page to enable/disable the Automation.

Editing an automation

To edit an automation:

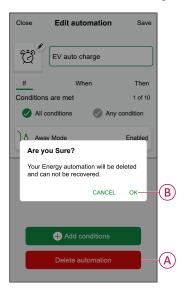
- 1. On the **Home** page, tap the
- 2. In the Edit automation page:
 - Change the automation's name and icon.
 - · Change the device's settings
 - Add a new action or condition
 - · Delete an action or condition
- 3. Tap Save (A).



Deleting an automation

To delete an automation:

- 1. On the **Automation** tab, tap the automation that you want to delete.
- 2. On the Edit automation page, tap Delete automation (A).
- 3. Read the confirmation message and tap \mathbf{OK} (B).



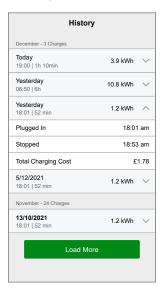
Checking the device history

Using the Wiser Home app, you can monitor the cost and power consumption of the EVlink Home Smart by accessing the history.

To check the device history:

- 1. On the **Home** page, tap **All > EVlink Home Smart**.
- 2. On the device control panel page, tap History.
- 3. In the **History** page, you can see the total power consumption per charging cycle and total charging cost.

You can tap **Load More** to view the records of the past 30 days.



IMPORTANT: If you have installed both PowerTag and EVlink Home Smart, you can monitor the powerflow and energy consumption in the **Energy** tab. For more information, refer to Live.

Enabling notifications

Using Wiser Home app, you can enable notifications to view the charging status. To enable notifications:

- 1. On the **Home** page, tap
- 2. Tap Account > Notifications.
- 3. Enable the EVlink Home Smart toggle switch.

Removing the device from Wiser system

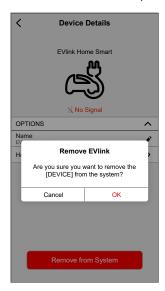
Using the Wiser Home app, you can remove a device from the device list. To remove EVlink Home Smart:

1. On the **Home** page, tap **All > EVlink Home Smart > Device settings**.

NOTE: Tap **Help and support** to view the website where you can find answers to your queries.

2. Tap **Remove from System**. A confirmation window will be prompted.





3. Tap **OK** to confirm.

The app will direct the user to the **Home** page. All the app related data will be deleted.

LED indications

Charger status

LED color	LED behaviour	Charger status
	Solid	Ready to charge / Connected to internet
1s	Pulsing (1 s)	Firmware upgrade
5s	Breathing (5 s)	Not connected / Connection tentative ongoing
	Solid	Charge ended
5s	Breathing (5 s)	Charging
1s	Pulsing (1 s)	Charge suspended
	Solid	Stop or error, please refer to troubleshooting, page 55.

Troubleshooting

Symptom	Possible causes and solutions	
Connector plugged into electric vehicle but not charging.	 Verify that the connector is inserted properly by unplugging and plugging it back into the electric vehicle's socket. Verify the charging sequence by following the procedure described in connecting the charger, page 45. 	

Charger's LED light green slow pulsing (EVlink Home Smart only)	Reboot the EVlink Home Smart and wait 10 s before to energize it.	
	EVlink Home Smart is not connected to the cloud If using Wi-Fi:	
	 Verify that you connect EVlink Home Smart to a 2.4 GHz Wi-Fi with WPA2 password 	
	 Verify that the SSID and password are correct. 	
	 In case the Wi-Fi signal is too weak: connect the charger with Ethernet cable, or add a Wi-Fi range extender. 	
	Verify that the stop button isn't locked, by rotating it 90° clockwise.	
	 If not, switch off the power supply of the charger. 	
	 Unplug the connector from the electric vehicle. 	
Charger's LED illuminated red.	 Switch on the power supply, wait for the charger to become ready (LED glows green), before reconnecting the connector to the electric vehicle. 	
	 Check the power supply is securely wired to the charger's PE (Protective Earth) terminal. 	
	No power supply as charger might be damaged.	
Charger's LED off.	Switch off the power supply to the charger.	
	Please contact Schneider Electric's Customer Care Centre.	
Charger's LED red blinking (*Applicable only to France.)	Verify that the TIC cable is connected correctly or not for EVlink Home Smart with TIC function.	
	Hub disconnected from the network. (Applicable only for users with EVlink Home Smart and Wiser hub installed together)	
	Charger unavailable.	
Device not removed from the system	Device connected to another home network.	
	Try setting up the device again.	
	 If still the error persists, contact customer support. 	
	 Tap Help and support in Device Details page. 	
	Hub disconnected from the network. (Applicable only for users with EVlink Home Smart and Wiser hub installed together)	
	Charger unavailable.	
Device not paired with the Hub	Device connected to another home network.	
	 When you enroll another device, the hub will block from re-enrolling it (as user can only register one device). 	
	Contact customer support - tap Help and support in Device Details page.	
<u> </u>	Internet or technical issue.	
We are unable to implement your schedule and are working on fixing it as soon as possible. displayed in the Reduce My Bill page.	Wait for sometime until the schedule is available.	

Technical data

EVlink Home Smart

Range	EVlink Home
Product name	EVlink Home Smart
Product type	AC charging station
Pole description	3P + N for power circuit 1P + N for power circuit
Mounting mode	Wall-mounted
(Us) rated supply voltage	400 Vac 50 Hz + / - 10 % - 3 phase
	230 Vac 50 Hz + / - 10 % - 1 phase
Nominal output power	11 kW 16 A
	7.4 kW 32 A
	3.7 kW 16 A
Maximum supply current	32 A

EVlink Home Smart (Continued)

	16 A
Maximum power	11 kW (3PH)
	7.4 kW (1PH)
	3.7 kW (1PH)
Access control system	No RFID and no lock
Circuit protection	Need to have a dedicated MCB (Miniature Circuit Breaker)
Under voltage protection	Connected to an IMNX is recommended
Insulation disturbance protection	Need to have a RCD (Residual Current Device) type A and 3,7 kW 16 A
Socket number	1
Socket-outlet type	Front face T2 Socket
	Front face T2S socket
	5 m attached cable
Earthing system	TT TN-S
	Compatible IT with additional isolation transformer on the power supply.
Input type	Possibility to add an Anti-tripping Module
	EVA1HPC1 (1PH) or EVA1HPC3 (3PH)
Control type	1 red button, function: Stop
	No action required to start the charge
Local signaling	1 multi-color LED, function: status indication
Communication	Protocol OCPP 1.6 J for connectivity to Wiser app
	Wi-Fi® connection or Ethernet connection to Home Internet Box
Smart phone application	Free access to WISER (Schneider Electric Home Smart Phone application to manage home devices and energy)
Remote features	Scheduling
	Remote start/stop
	Monitoring and history
Metering	In-built microprogrammed Control Unit for measurement: accuracy 1%
	Modbus connection for external Schneider Electric MID power meter (A9MEM3155/A9MEM2155)
Standards	EN 61851-1 Ed3.0
	EN 61000-6-1
	EN 61000-6-3
	IEC 61851-21-2
Product certifications	CE
	UKCA
IP degree of protection	IP55 conforming to IEC 60529
IK degree of protection	IK10 conforming to IEC 62262
Ambient air temperature for operation	-30 to 50 °C
Ambient air temperature for storage	-40 to 85 °C
Relative humidity	5 to 95%
Height	409 mm
Width	282 mm
	<u></u>

EVlink Home Smart (Continued)

Depth	148 mm
Net weight	15,6 kg (3PH)
	4.5 kg (1PH)
Color	White
	Black

EVlink Home Anti-tripping System

Power supply	220/230 V (±10 %)
Frequency	50/60 Hz
Rated power	4 W
Overvoltage category	III
Pollution degree	2
Insulation degree	reinforced insulation
Sampling current range	AC 1 to 100 A / period is 1 second
Possible max. current value settings	16 A, 20 A, 25 A, 32 A, 40 A, 50 A
Communication	Power Line Carrier with EVlink Home charging station
Warranty	24 months for the entire EVlink Home range
Nominal temperature	-30 °C to +50 °C
Dimensions (L × W × H)	70.4 × 93.2 × 68.8 mm
Mounting type	Top-hat rail mounting
Weight	196 g
Certification	EN 61010-1-2010, EN 61326-1-2013

Compliance

Compliance information for Green Premium products

Find and download comprehensive information about Green Premium products, including RoHS compliance and REACH declarations as well as Product Environmental Profile (PEP) and End-of-Life instructions (EOLI).

https://checkaproduct.se.com/



General information about Green Premium products

Click the link below to read about Schneider Electric's Green Premium product strategy.

https://www.schneider-electric.com/en/work/support/green-premium/



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As standards, specifications, and design change from time to time, please ask for confirmation of the information given in this publication.

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