EVlink Home Smart

Device user guide

Information about features and functionality of the devices.
03/2024

Schneider Electric

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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.

⚡⚠ DANGER
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.**

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

⚠ CAUTION
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

<table>
<tr><td colspan="1" align="center">⚠⚠**DANGER**</td></tr>
<tr><td>**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.</td></tr>
</table>

⚠ WARNING

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.

⚠ CAUTION

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
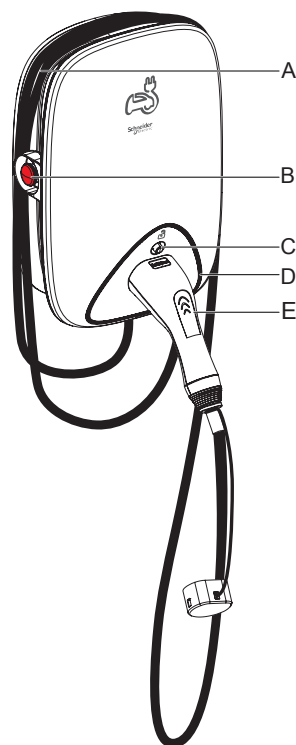
Operating elements

EVH4AxxN2, EVH4AxxN400F
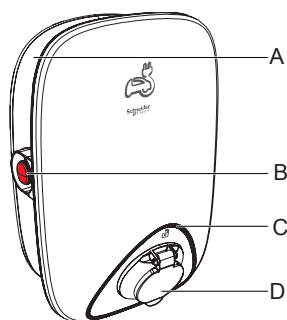
EVH4AxxNC

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
- 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.

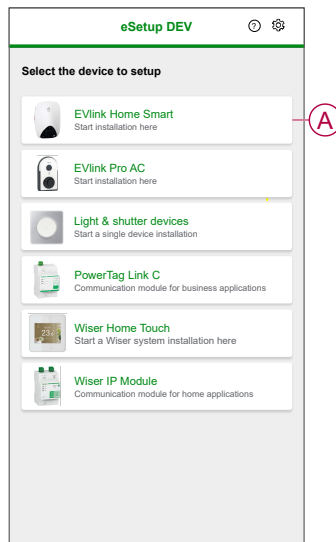**For Apple mobile phones:**
Click here or scan QR code.

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).
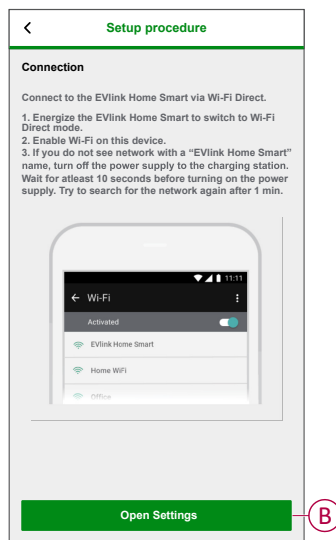
5. Select **EVlink Home Smart - France**.

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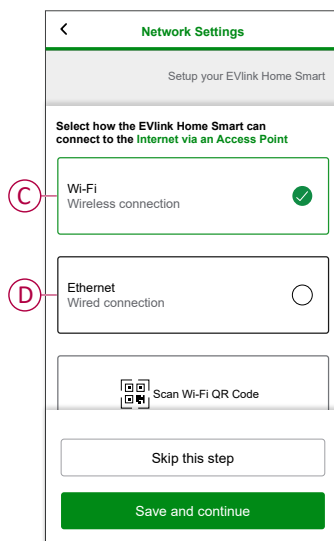
10. In **Electrical settings** page, select the power rating of the EVlink to match the electric installation. You can use the **sliding bar** (E) or **–/+** to limit the charging current and tap **Save and continue** (F).

NOTE: Minimum and maximum charging currents are 10 A and 32 A respectively.
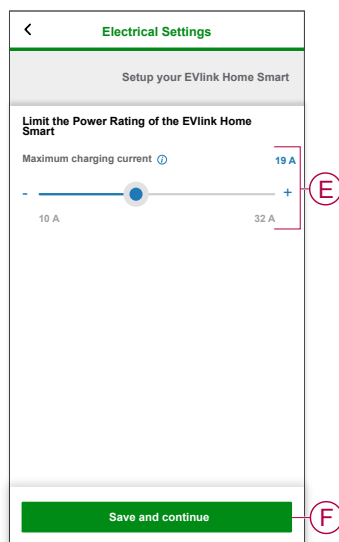
11. In **Device settings** page, you can enable or disable the power meter using the **toggle switch** and then tap **Save and continue**.

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.
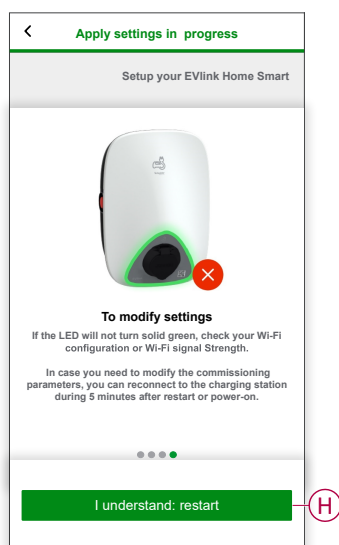
> **NOTE:**
>
> - **TIC:** Tele-Information Client with French meter. The TIC device is connected to the switchboard. It will save all data of energy consumption by all devices in the house. This will help to track the energy needed for the EVlink Home Smart. Wiser app manages the Anti-tripping management - 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.
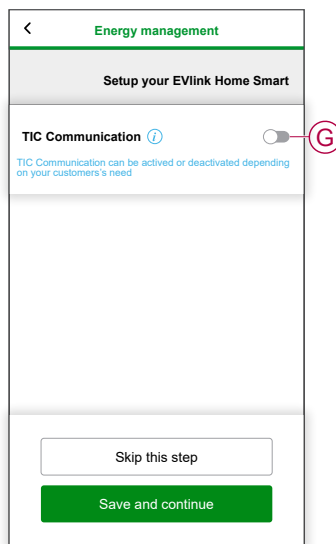
13. Tap **Continue** in the **Supervision** page.

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 30 to monitor and control with Wiser Home app.

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).
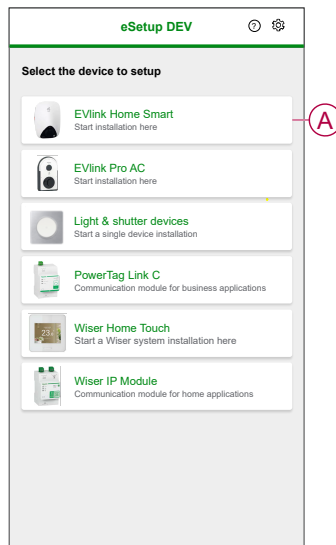
2. Power on the EVlink Home Smart charger to activate the Wi-Fi® access point. The Wi-Fi® access point will remain active for 4 minutes, after power On.

3. Enable Wi-Fi on your smartphone and connect to the EVlink Home Smart via Wi-Fi direct.

4. In eSetup app, tap **Open Settings** (B).
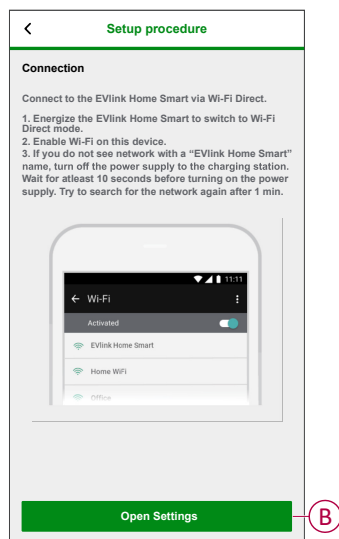
5. Select **EVlink Home Smart - International**

6. On the screen enter the **New PIN**, confirm the PIN and tap **Save**.

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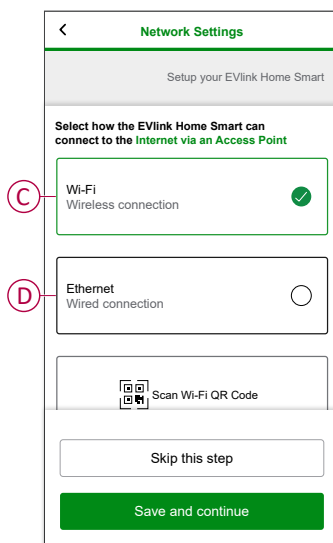
10. In **Electrical settings** page, select the power rating of the EVlink to match the electric installation. You can use the **sliding bar** (E) or **–/+** to limit the charging current and tap **Save and continue** (F).

   **NOTE:** Minimum and maximum charging currents are 10 A and 32 A respectively.
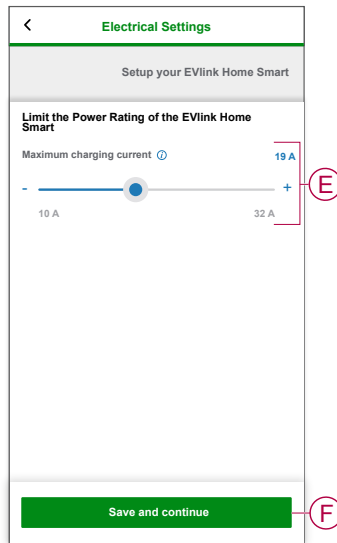
11. In **Device settings** page, you can enable or disable the power meter using the **toggle switch** and than tap **Save and continue**.

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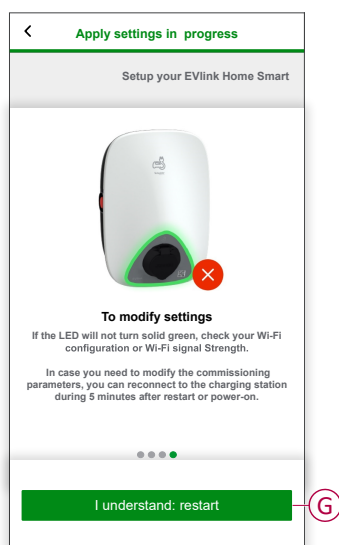
- The LED will slowly pulse light green during 5 minutes.
- EVlink Home Smart shall be restarted according to the applied configuration.

  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 30 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.

1. 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).
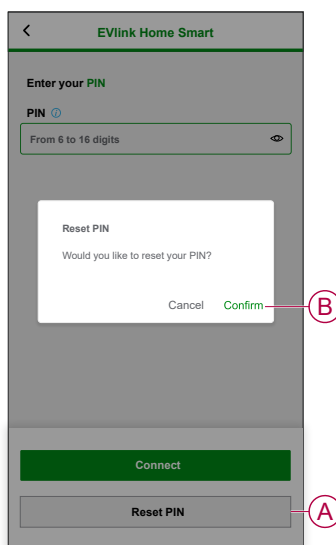
6. Press the **Stop button** within 3 minutes, 30 seconds.

   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.

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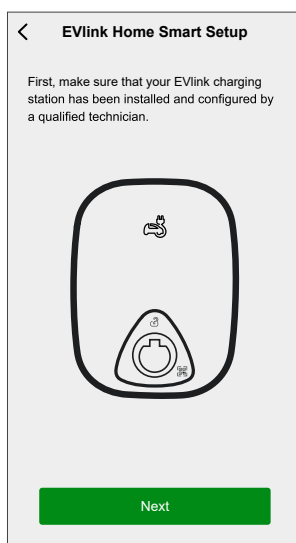
5. Tap **Open camera** to scan QR code on your EVlink terminal.

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

6. Tap **OK**.
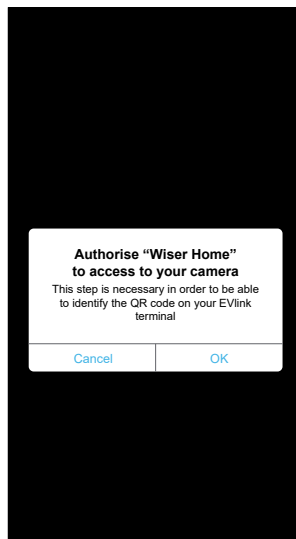
7. Point the camera and scan the QR code near the charging socket/connector dock.

You need to wait for up to 5 minutes for the **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**.
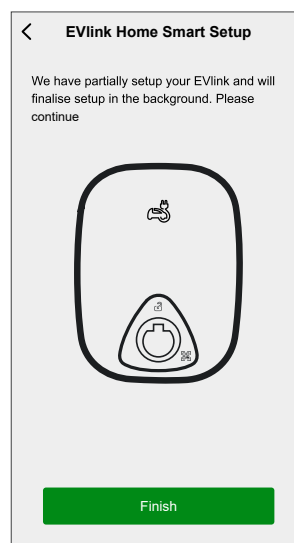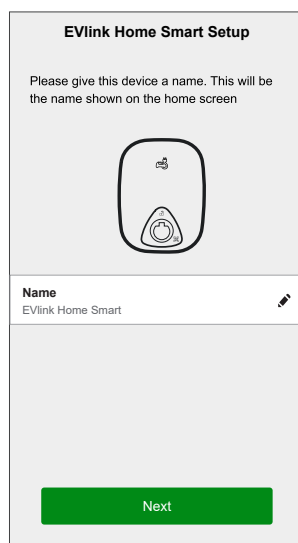
On successful pairing, the EVlink Home Smart will appear on the app's home page.

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 24.

- **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 ✕ to close the overlay screen.
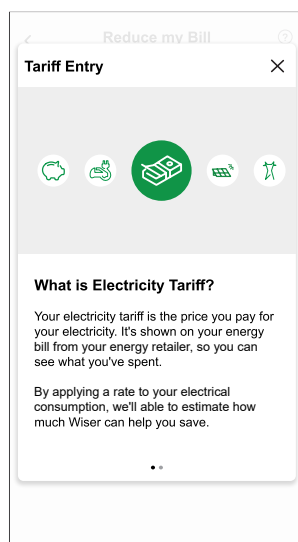
NOTE: If you have not configured your tariff, a push notification will be sent after 2 weeks and the last reminder after 6 weeks.

Configuring - flat rate

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.

    a. Tap the toggle switch to set the Contract limit in kVA.

        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 ampere - A.

    b. Select a value and tap **Set**.

        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.

    c. Tap **Continue**, if you like to proceed.

4. Tap ✏ (C) and select a subscription type (D) (refers to recurrent fee).

5. Enter a subscription value in the **Subscription price (€)** (E) field and tap **SET**.

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

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. Tap the toggle switch to set the Contract limit in kVA.

      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 ampere - A.

   b. Select a value and tap **Set**.

      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.

   c. Tap **Continue**, if you like to proceed.

4. Tap ✎ (C) and select a Fixed charge 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 Charge** 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** (F) field and tap **Add** (G).

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 the icon to activate **Green energy** if your energy provider delivers green energy in that timeframe.

15. 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.

16. Tap **Add** and then tap **Save**.

Add Schedule		Close	Electricity

NAME

Weekday charge

DAYS

M T W T F S S

TIME

Start time
08:00

Finish time
16:00

Green energy ✓

RATE TYPE

Standard Rate

Add

Close   **Electricity**

My contract options
Time of use (peak/off-peak hours)

Contract limit
45A

Fixed charges
Annual - £30

Rates ⌃

Peak rate
Rate 0.1535 £/kWh

Standard rate
Rate 0.1135 £/kWh

Add a rate

Schedules ⌃

ⓘ You need have schedule included off peak hrs for each day.

Weekday charge ✿ 08:00-16:00
Weekdays

Add a schedule

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 28 and Tariff plan configuration, page 24.

   C. **Customized Schedule**: create your own schedule to charge your electric vehicles.
   Refer to Creating a schedule, page 34.
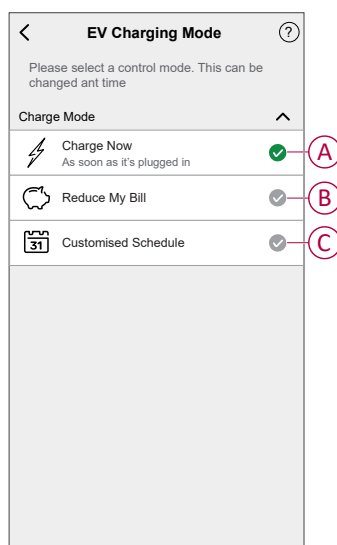
NOTE: You can change the charging mode at any time.

Reduce my bill

IMPORTANT: Reduce my bill feature is available only in France, 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:

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

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.
- 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 **splash screen** (A).
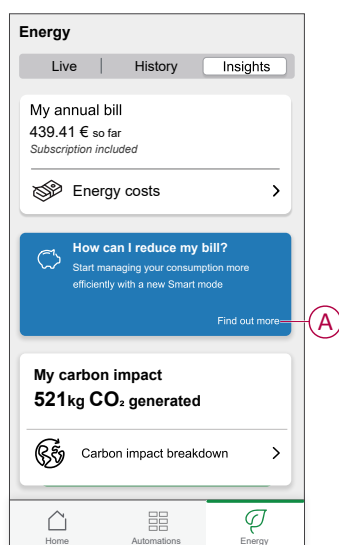
IMPORTANT:

- Do not accidentally close the splash screen as it takes 2 weeks for this option to reappear.
- If you close the splash screen again, a final reminder will appear after 6 weeks.

2. 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.
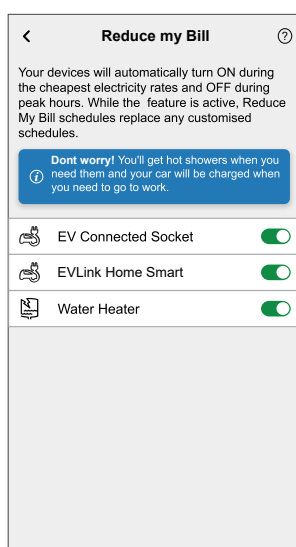
> **IMPORTANT:**
>
> • If you have closed the reminder splash screen, you can also enable the **Reduce My Bill** feature in the **Settings** page.
>
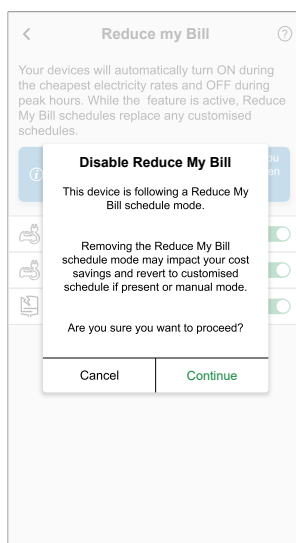> • On the Home page, tap ⚙ **> Energy Management > Reduce my Bill** and follow step 3.

Disabling Reduce my Bill

To disable Reduce my Bill:

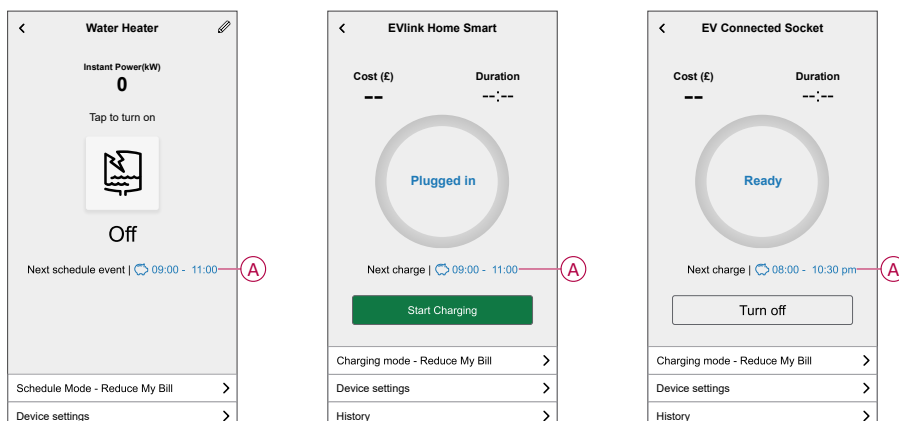1. On the Home page, tap ⚙ **> Energy Management > Reduce my Bill**.

2. Disable the toggle switch for the devices you don't want to have this feature.

   A notification window is prompted. Read the information.

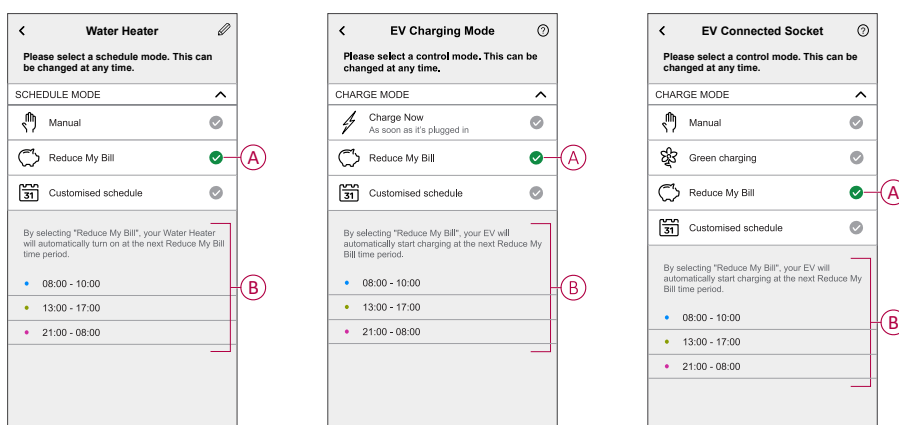3. If you wish to proceed, tap **Continue** else tap **Cancel**.

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 to increase the savings. 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.

# 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 27 (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 41.
- History, page 41 (G).
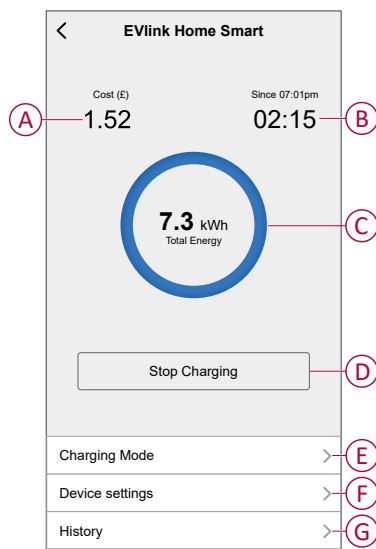
Similarly you can control and check the current status of EVlink Home Smart from **Home** page.

- Control button (H).
- Current state of the device (I).
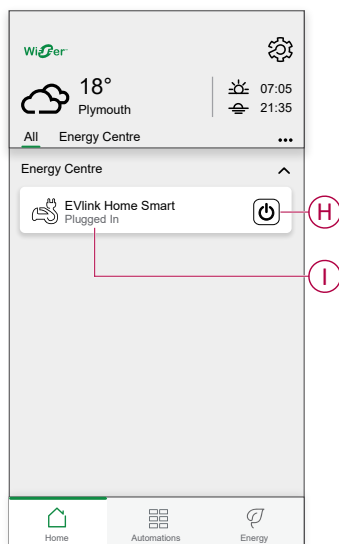
NOTE: Electric vehicles (EV) can't be charged immediately after they have stopped. Reconnect the plug to start charging. Refer Connecting/disconnecting the charger, page 32.

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 42.

Disconnecting

1. 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.
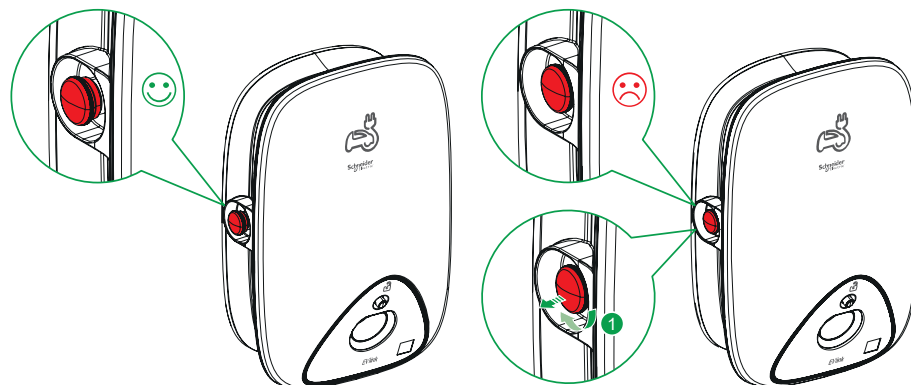
NOTE: Stop button can also be used to reset the PIN by rotating it 90° clockwise. Refer resetting the PIN, page 17.

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.
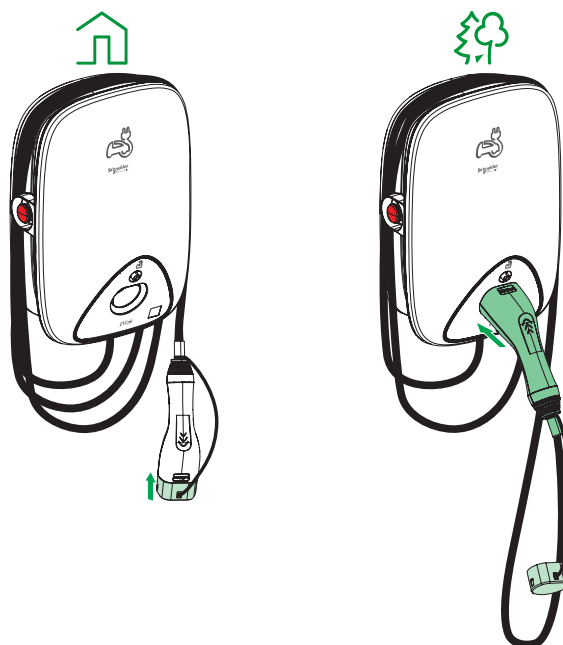
Creating a schedule

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.
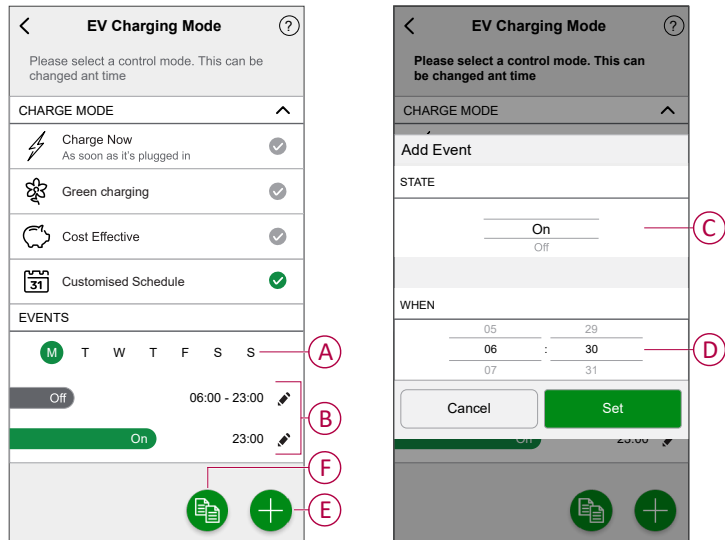
3. On the **EV Charging Mode** page, select **Customized Schedule**.

   NOTE: The EVlink Home Smart will have a default schedule pre set to the user. You can edit the schedule as required.
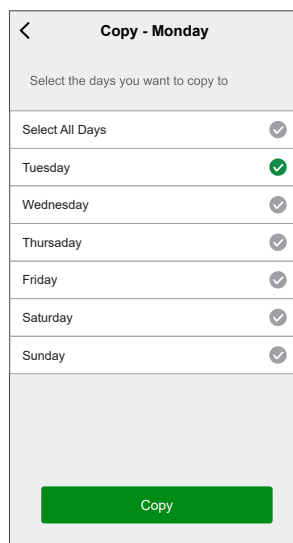
   IMPORTANT: It is required to set the on and off state for a schedule.

4. Select days (A).

5. Tap ✎ (B).

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.

- 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.
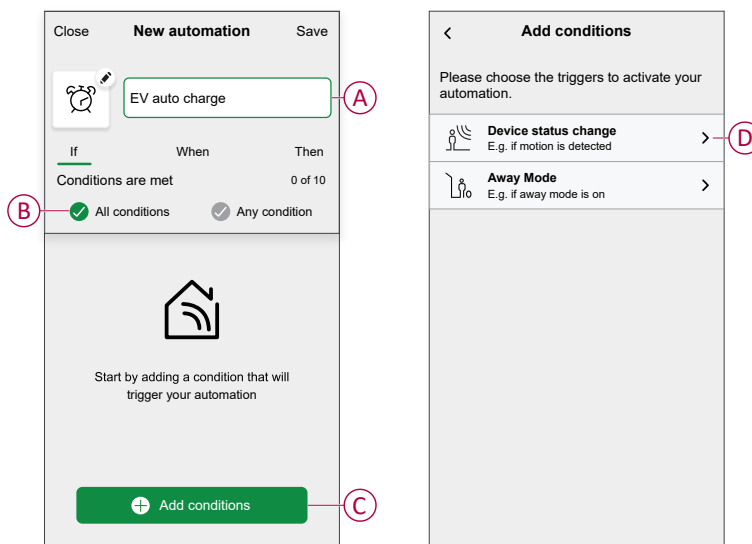
6. Select **Enabled mode away** (E).
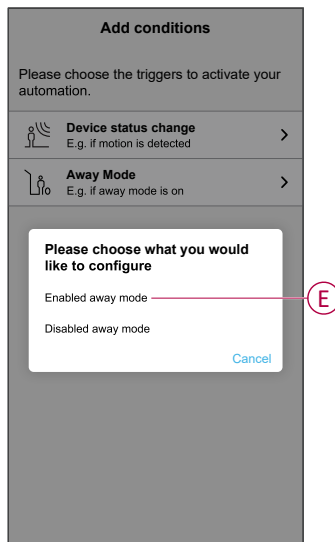
NOTE: To remove an added condition, swipe left and tap 🗑.
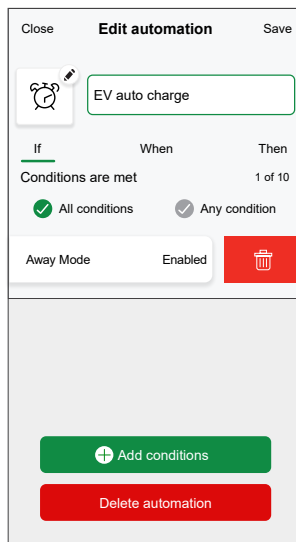
7. To add an action, tap **Then** > **Add an action** and select any of the following (F):

    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.
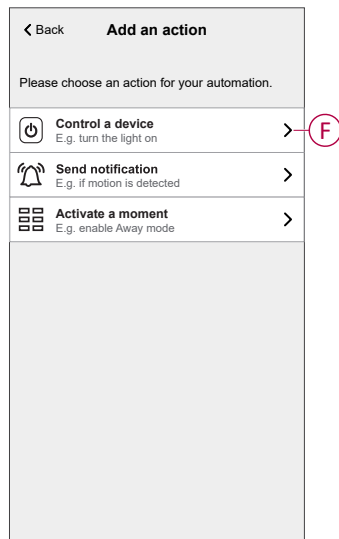
8. Select **EVlink Home Smart** (G) and then select an action (H) to assign.
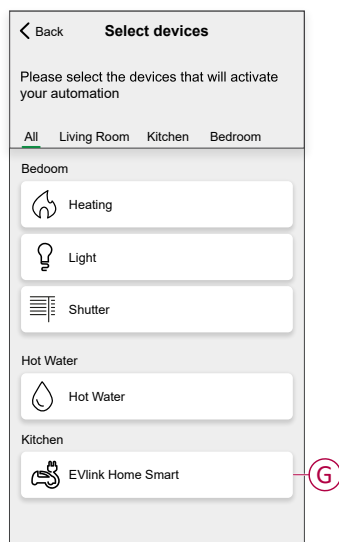
9. Tap **Save** (I).
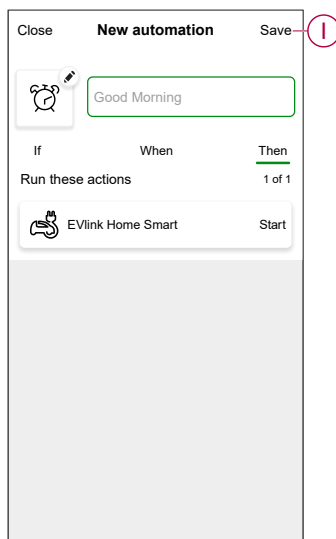
The saved Automation is displayed on the **Automation** page. Tap the toggle switch on the **Automation** page to enable/disable the Automation.

Editing an automation
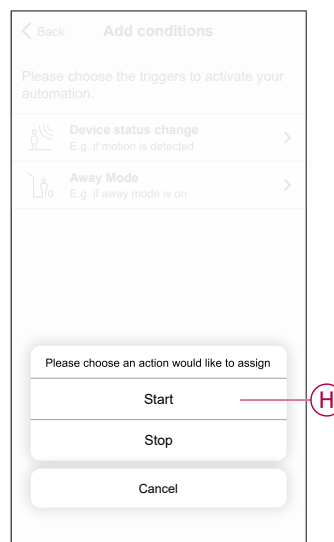
To edit an automation:

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).
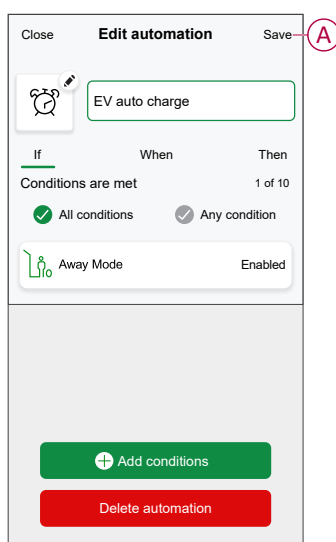
Deleting an automation

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 **OK** (B).
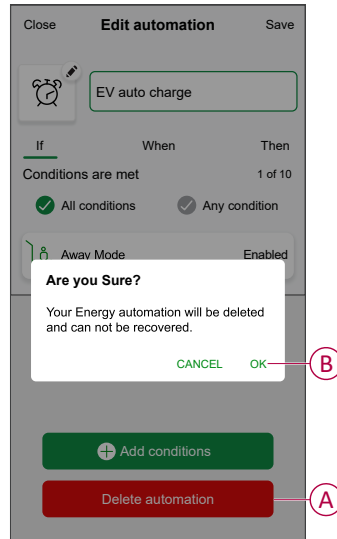
Checking the device history

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.

History		
December - 3 Charges		
Today 19:00 | 1h 10min	3.9 kWh	∨
Yesterday 06:50 | 6h	10.8 kWh	∨
Yesterday 18:01 | 52 min	1.2 kWh	∧
Plugged In	18:01 am	
Stopped	18:53 am	
Total Charging Cost	£1.78	
5/12/2021 18:01 | 52 min	1.2 kWh	∨
November - 24 Charges		
13/10/2021 18:01 | 52 min	1.2 kWh	∨
Load More		

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.
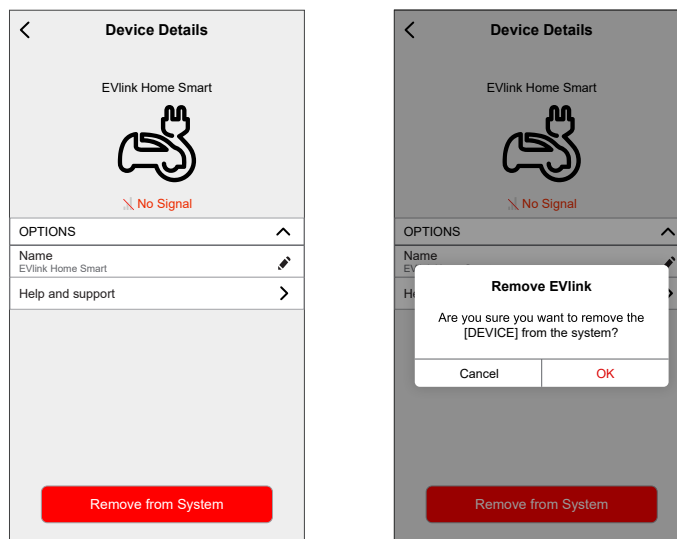
3. Tap **OK** to confirm.

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
	Pulsing (1 s)	Firmware upgrade
	Breathing (5 s)	Not connected / Connection tentative ongoing
	Solid	Charge ended
	Breathing (5 s)	Charging
	Pulsing (1 s)	Charge suspended
	Solid	Stop or error, please refer to troubleshooting, page 42.

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 32.

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.

Charger's LED illuminated red.	• 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. • 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.
Charger's LED off.	• No power supply as charger might be damaged. • 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.
Device not removed from the system	• Hub disconnected from the network. (Applicable only for users with EVlink Home Smart and Wiser hub installed together) • Charger unavailable. • 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.
Device not paired with the Hub	• Hub disconnected from the network. (Applicable only for users with EVlink Home Smart and Wiser hub installed together) • Charger unavailable. • 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.
⚠ **We are unable to implement your schedule and are working on fixing it as soon as possible.** displayed in the **Reduce My Bill** page.	Internet or technical issue. 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

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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