

Wiser Power Micromodule

Device user guide

Information about features and functionality of the device.

09/2024



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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.

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.

Power Micromodule



CCTFR6730

For your safety

⚡ ⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Safe electrical installation must be carried out only by skilled professionals. Skilled professionals must prove profound knowledge in the following areas:

- Connecting to installation networks.
- Connecting several electrical devices.
- Laying electric cables.
- Safety standards, local wiring rules and regulations.

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

⚠ WARNING

HAZARD OF ELECTRIC SHOCK

- Observe the regulations for working on live parts.
- Only actuate the device buttons using insulated auxiliary equipment that meets the requirements of EN 60900.

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

About the device

The Wiser Power Micromodule hereinafter referred as **module** is for switching loads (up to 3000 W resistive) such as a hot water tank or a socket outlet. In combination with the Wiser app, the energy consumption can be measured and the module can be used for load shedding or demand response. Load shedding is used to balance the demand and supply of electricity. Demand response refers to the ability of devices to be automatically controlled or limited by signals sent from your power supplier to your smart meter. Up to 20 modules can be added in the same system.

Installing the device

Refer to the installation instruction supplied with this product.

Pairing the device

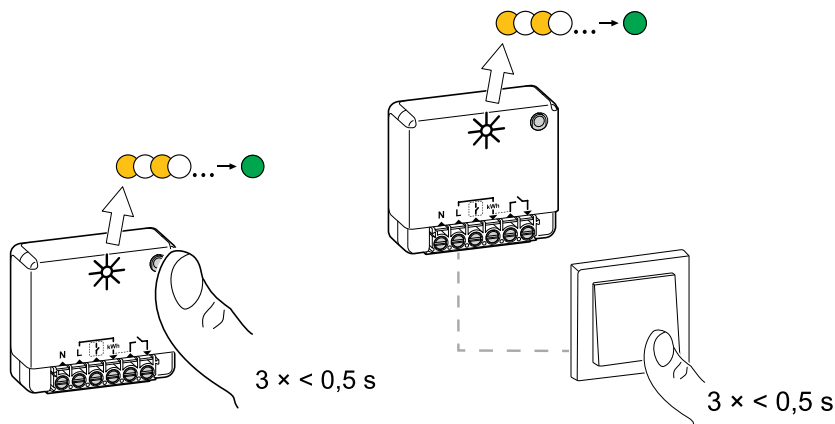
Using the Wiser Home app, pair your module with the **Wiser Hub** to access and control the Water heater.

To pair the device:

1. On the **Home** page, tap .
2. Tap **Devices** >  > **Appliances** > **Power Micromodule** > **Next**.

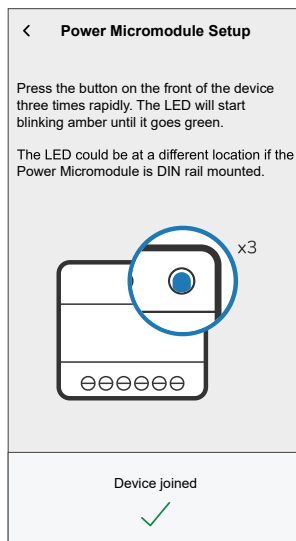
NOTE: The next screen shows the joining process of device.


3. Follow any one of the options to pair the module based on your installation:
 - Short press the Setup/Reset button of the module 3 times.
 - Short press the mechanical push-button 3 times.

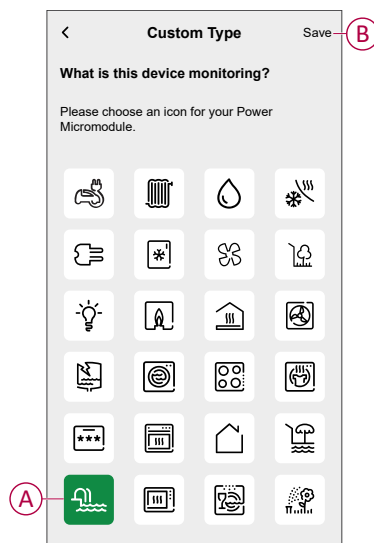




4. Wait for a few seconds until the LED turns green.

The device is joined.



5. Tap **Next** >  and select a device type:
- **Water Heater:** Proceed to step 6.
 - **Custom:** You can customize the label type of your choice.
 - Choose an icon of your choice (A) and tap **Save** (B).



6. Tap  and enter a name for the device.
7. Tap  and enter a **Nominal power** value.

IMPORTANT:

- The maximum power consumed by the appliance controlled by the module is known as **Nominal power**. It is the maximum power the module can manage.
- By default, the value is 2000 W. The nominal power must be between **0 and 3000 W**.

NOTE: The Nominal power value will only be used for the future updates in the Wiser Home app.

8. Tap **Next** and assign the device to a new room or an existing room.



9. Tap **Submit**.

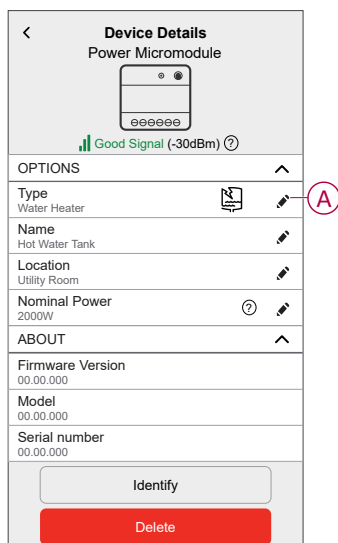
Once the pairing process is complete, the device name (example, Water Heater) is listed under **All** devices in **Home** page.

Configuring the device

Selecting device type


Using the Wiser Home app, you can change the device type according to your need.

1. On the **Home** page, tap .
2. Tap **Devices > Appliances > Water Heater**.
3. Tap  (A) and select a device type.
4. Tap **Save**.



Renaming the device


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

1. On the Home page, tap .
2. Tap **Devices > Appliances > Water Heater > Name** (A) to rename the device.

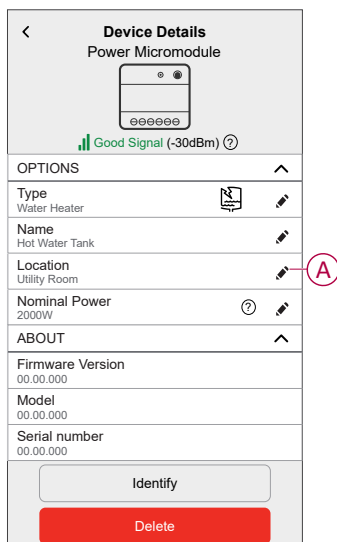
The settings will be saved automatically.

Setting the device location

Using the Wiser Home app, add the module to any room (such as living room, bedroom etc).

1. On the Home page, tap .
2. Tap **Devices > Appliances > Water Heater > Location** (A) to assign the module to an existing room or a new room (B) and tap **Submit**.

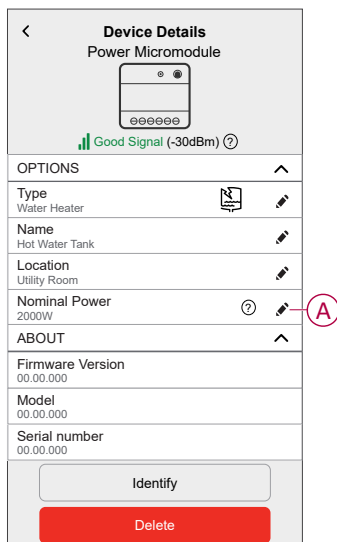
NOTE: Tap **Remove from Room** to remove the device from the existing room.



Changing Nominal Power

Nominal Power is the maximum power this device can manage. By default, the value is 2000 W. Using the Wiser Home app you can change the value if required. To change the Nominal Power value:

1. On the Home page, tap .
2. Tap **Devices > Climate > Power Micromodule > Nominal Power** (A).



3. Tap **OK** and enter a value between 0 to 3000 W.

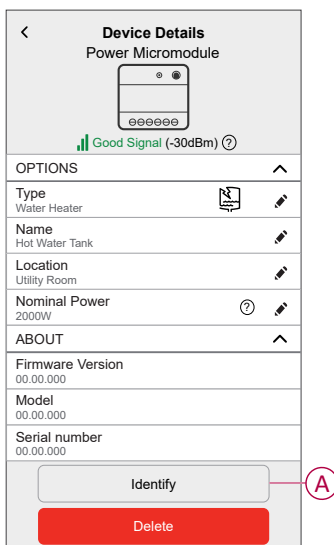
The settings will be saved automatically.

NOTE: The Nominal power value will only be used for the future updates in the Wiser Home app.

Identifying the device

Using the Wiser Home app, identify the module among the devices available in a home.

1. On the Home page, tap .
2. Tap **Devices > Appliances > Water Heater > Identify (A)**.



The status LED blinks green, upon successful identification of the module.

3. Tap **OK** to finish identifying the device.

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 13.](#)

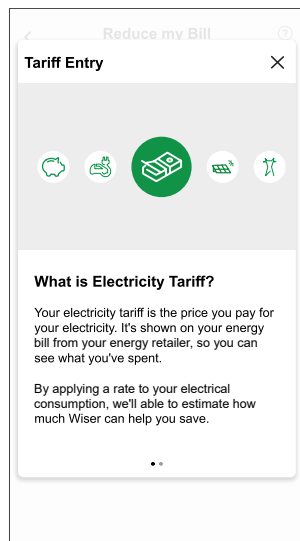
Peak/Off-Peak Hours rate: Peak rate is defined as a rate set to a specific period of time at which electrical consumption is at its highest. Off peak rate is the time period when the demand for power is at its lowest. It is the amount you pay for each unit of electricity consumed for the time period set. Refer to [Configuring - peak rate, page 15.](#)

- **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.

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 **X** 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  > **Energy Management > 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 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/EV Socket/Schneider Charge/EVlink Home Smart 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**.

Close

Electricity

My contract options

Flat

Contract limit

36kVA

Fixed Charges

Yearly - € 0.00

Rates

Flat rate

Please enter

Save

Contract Limit

Please enter your contract limit which can be found on your utility bill.

kVA

36

Note: The range is 1 to 42kVA.

< Back

Fixed Charges

Set

Yearly


Monthly

Weekly

Daily

Cost (€)

30

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

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

Close

Electricity

My contract options

Flat

Contract Limit

36kVA

Fixed Charges

Yearly - € 0.00

Rates

Flat rate

Rate 0.1505 €/kWh

Save

Flat rate


Rate 0.1505 €/kWh




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  > **Energy Management > 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/EV Socket/Schneider Charge/EVlink Home Smart in your home.

- b. Tap **Continue**, if you like to proceed.
4. 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).

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

Add a rate

Schedules

Add a schedule

Save

Contract Limit

Please enter your contract limit which can be found on your utility bill.

kVA

36

Note: The range is 1 to 42kVA.

Back

Add a rate

Standard

Rate - €/kWh

0.1135

Add

NOTE: Maximum 5 additional rates can be added.

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

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

Overnight rate

Rate 0.1115 €/kWh

Add a rate

Schedules

Add a schedule

Save

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**.

< Add Schedule

NAME

Weekday charge

DAYS

M T W T F S S

TIME

Start time 08:00

Finish time 16:00

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
Weekdays 08:00-16:00

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.

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

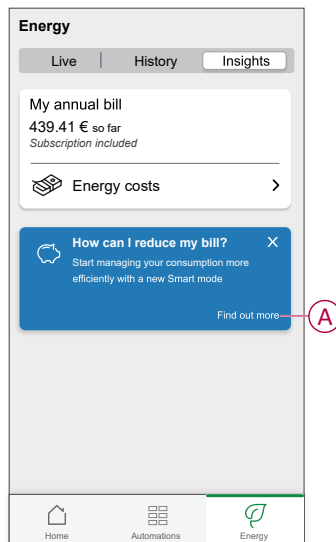
- Commission one of your PowerTag as Grid. Refer to [Pairing the main device](#).
- Commission the supported devices. Refer to [Pairing the device - Power Micromodule](#), [EVLink Home Smart](#), [EV Connected Socket](#), [Schneider Charge](#).
- Set your peak/off peak tariff according as per your electricity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

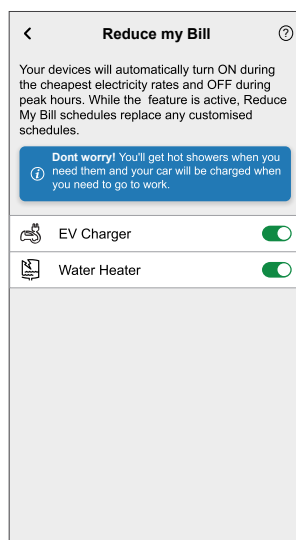
- If you have closed the reminder banner, you can also enable the **Reduce My Bill** feature in the **Settings** page.
- On the Home page, tap  > **Energy Management > Reduce my Bill** and follow step 3.

NOTE: After enrolling devices to RMB-AI, refer to [Using Reduce My Bill](#), page 28 to view how the devices are controlled and scheduled for usage.

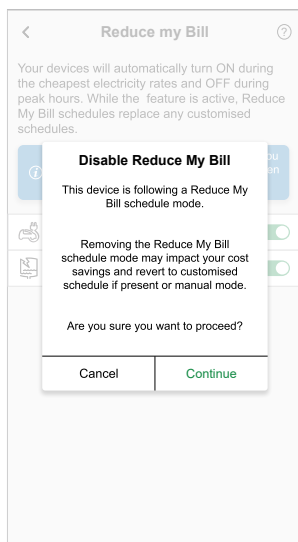
Disabling Reduce my Bill

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 **Continue** else tap **Cancel**.



Reduce My Bill - AI

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 - AI 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

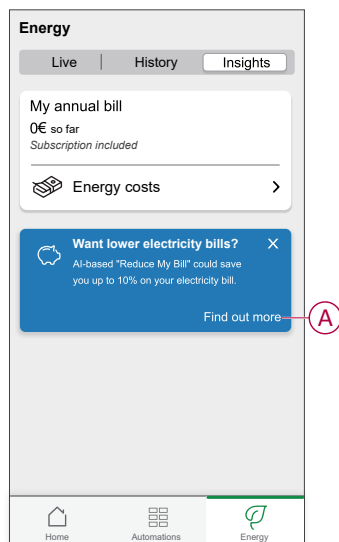
- Commission one of your PowerTag as Grid. Refer to [Pairing the main device](#).
- If you have installed solar panels in your home. Refer to [Pairing the device with Energy storage system](#).
- Commission the supported devices. Refer to [Pairing the device](#)
 - Power Micromodule (16 A / Water Boiler)
 - 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:

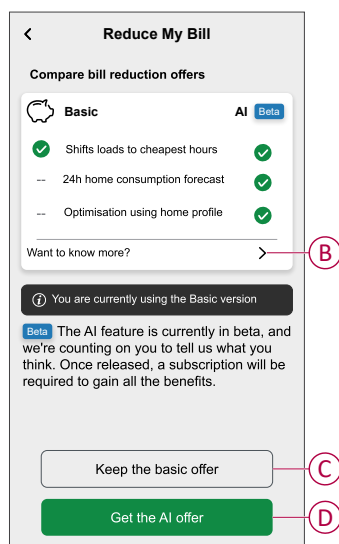
1. On the **Home** page, tap **Energy Dashboard > Insights**, then tap **splash screen (A)**.



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**.

Home Profile

Step 1 of 3

When do you need your car to be fully charged?

On Weekdays -- : -- E

At Weekends -- : -- G

Choose Time

07	59
08	00
09	01

F

Cancel 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**.

Home Profile

Step 2 of 3

On average, how many kilometers do you typically drive this car?

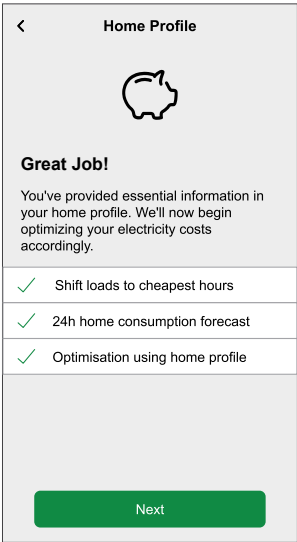
On a Week day 90 km

Over the entire Weekend -- km

Next

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

9. Tap **Next**.




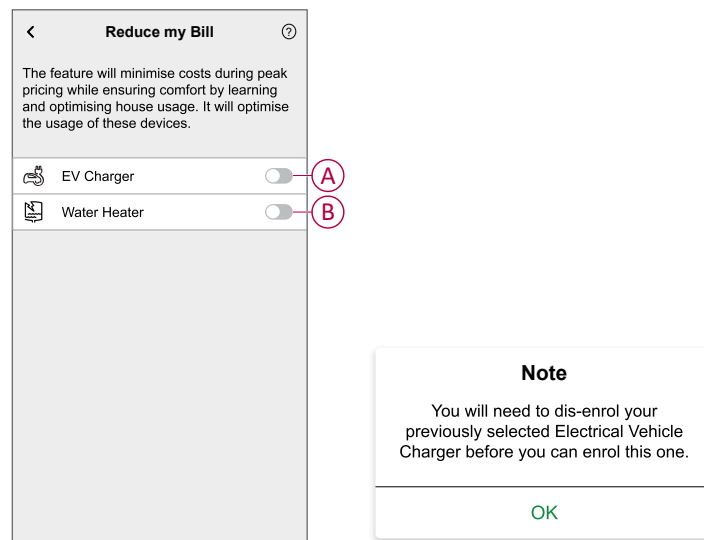
You will be directed to **Insights** tab.

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 28 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 - AI. You will be notified in the **Insights** tab. You could save up to 50% on your electricity bill.

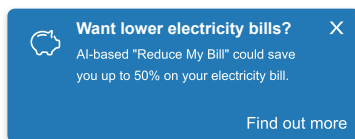
Pre-requisite

- 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](#).

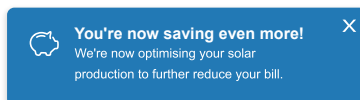
Enabling RMB-AI with Solar

- 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 22.



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 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)

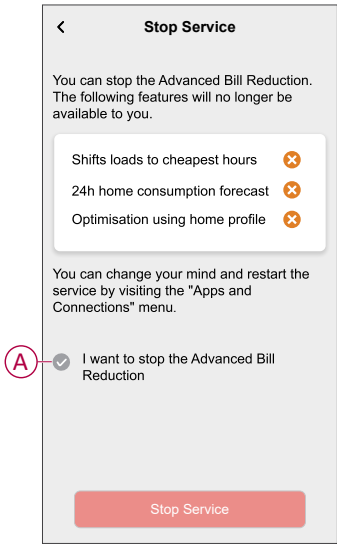
Disabling Reduce My Bill with AI

To disable Reduce My Bill with AI services

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

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

NOTE: To reactivate the service again, follow Item 1step 1, page 27 menu navigation and tap **Reduce My Bill AI**. Refer to Enabling Reduce My Bill with AI, page 22 to follow the same procedure.

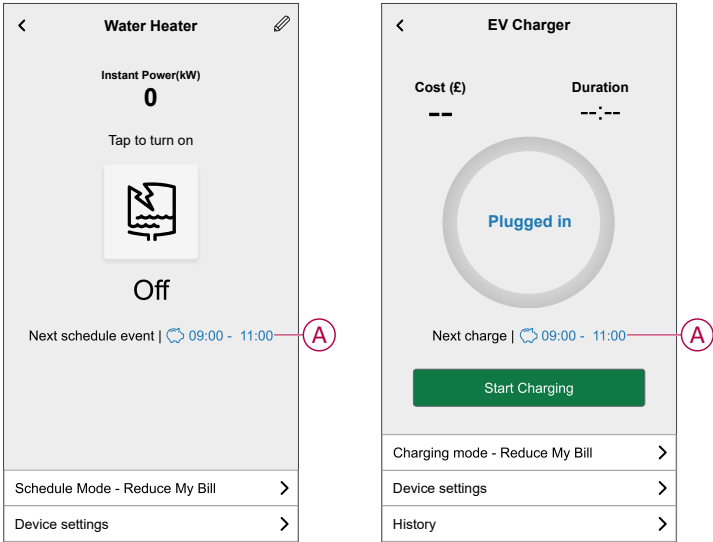


Using Reduce My Bill

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

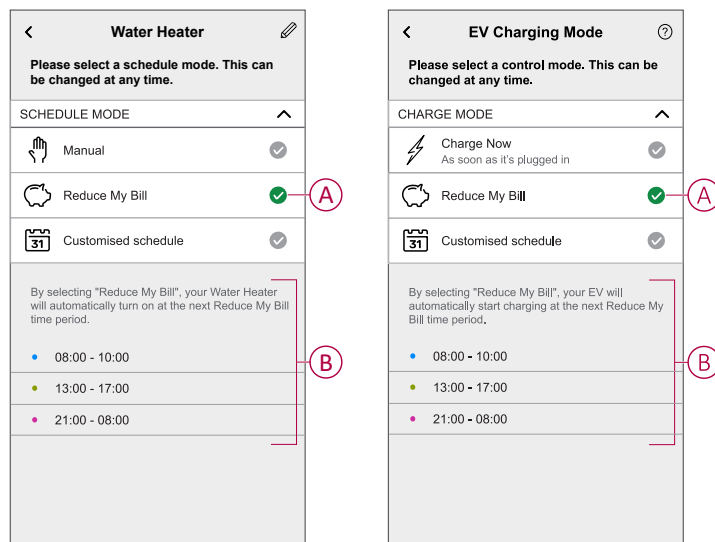
Control screen

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



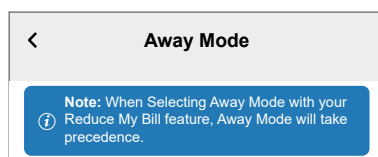
Schedule

On the Schedules 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:

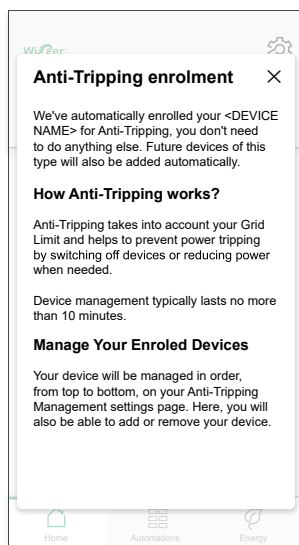
- Power Micromodule (Water Heater)
- EV Socket
- Smart Plug
- Smart Sockets

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.

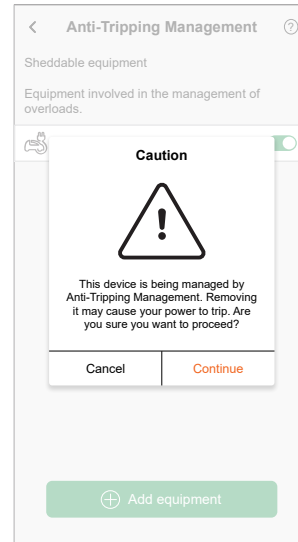
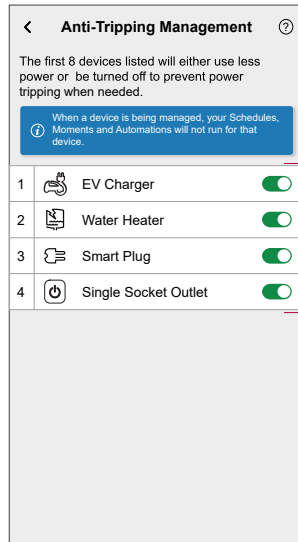


1. Read the feature update and swipe to navigate to next screen.
2. Tap **X** to close the overlay screen.
 - The supported devices will be enrolled automatically.


Disabling Anti-Tripping Management

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

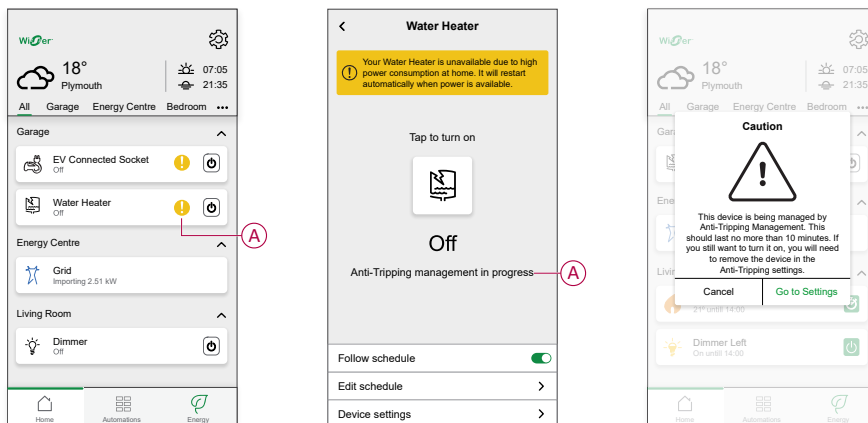
1. On the **Home** page, tap  > **Energy Management > Anti-Tripping Management**.
Tap the toggle switch (A) for the devices you want to disable.
If the device is currently in use, a notification will prompt you that deactivating this feature may cause your power to trip.
2. Tap **Continue** to disable.



Activation status

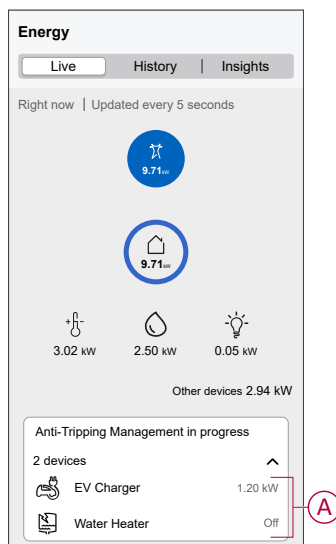
On the Home page and control panel page of the devices,  (A) denotes the Anti-Tripping management status.

- 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.	<ul style="list-style-type: none"> 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.

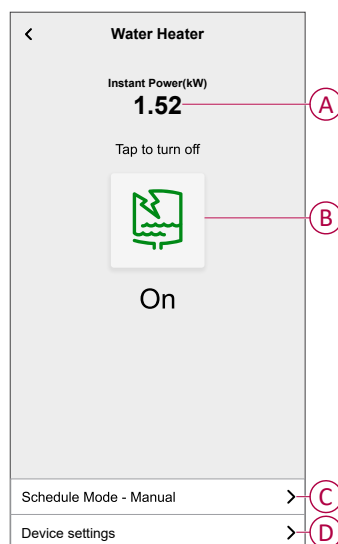
Using the device

The Water Heater Control Panel allows you to turn on or off the device and monitor the power consumption.


On the **Home** page, tap **All > Water Heater** to access the control panel.

On the control panel page, you can see the following:

- Total energy consumption in the session (A).
- Control button (On /Off) (B).
- Schedule Mode (C) - Device can be controlled and triggered by a schedule. You can change to any one of the following schedules:
 - **Manual:** Device will start when you turn on. If it is already switched on, it will start directly.
 - **NOTE:** By default, the device will be in manual schedule mode.
 - **Reduce My Bill:** This feature automatically schedule your loads when the cost is the cheapest. Refer to [Reduce My Bill](#), page 18.
 - **Customised schedule:** You can create your own schedule to turn on or off your device. Refer to [Creating a schedule](#), page 34.
- **Device settings (D)** - You can rename the device or remove the device from the Wiser system, change location, nominal power. Refer to [Configuring the device](#), page 9.



Similarly you can control and check the current status of Water Heater from **Home** page.

- Tap  to turn on/ off the device.

Setting alarms

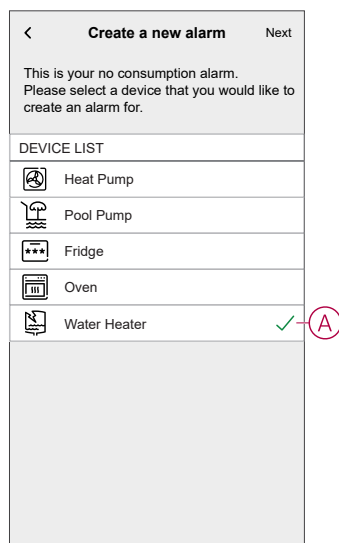
Using Wiser Home app, you can set alarms to notify overconsumption or no consumption of loads.



NOTE: Each device can have one overconsumption and one no consumption alarm.

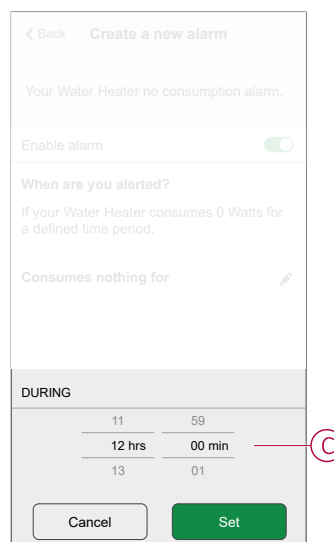
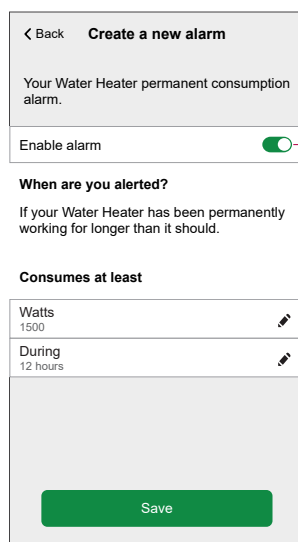
To configure alarms:

1. On **Home** page, tap .
2. Tap **Account > Notifications and Alarms > Create a new alarm**.

3. Select an alarm type.
 - **Overconsumption**
 - **No consumption**
4. Select a device from the list (A) and tap **Next**.





5. Enable the toggle switch (B) to set the alarm.
6. Tap  (**Watts**) and enter a value to set a power limit.
7. Tap  (**During**), select a time limit and tap **Set** (C).



8. Tap **Save**.

Creating a schedule

The Water Heater 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  > **Schedules** > .
2. Enter a name of the schedule (A).
3. Select a device type (B).

4. Select the list of devices (C) to which the schedule must apply.

5. Tap **Create**.

6. Tap to add an event.

7. Select a state (On/Off/percentage) (D), time period (E) and tap **Set**.

TIP:

- You can add multiple schedules based on your requirement. Select days, tap , set on/off state and time.
- You can copy the existing schedule to another schedule or to the days of your choice. Tap .
 - Tap **Schedule** and select an existing schedule and tap **Copy**.
 - Tap **Day** and select the days you want to assign and tap **Copy**.

Automation




An automation allows you to trigger an action automatically or at scheduled times. By using the Wiser Home app, you can create automations based on your needs. This example demonstrates how a device works when the condition is met.

Creating an automation

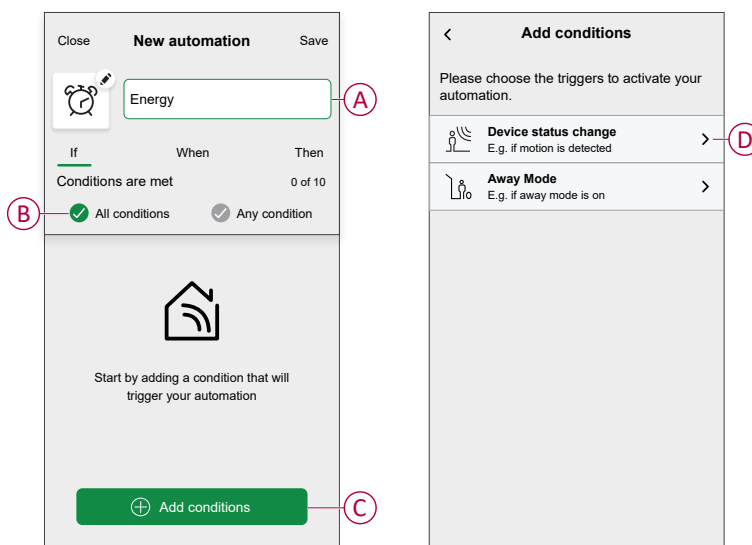
The following is an example of creating an automation to turn off the Water Heater when it exceeds the power limit.

NOTE: This automation example is applicable only for users with PowerTag and module installed together.

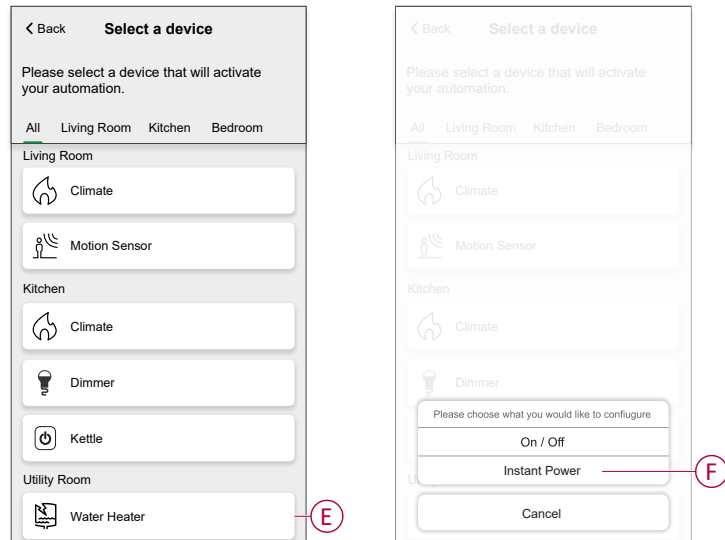
To create an automation:

1. On the **Home** page, tap  > **Automation** > .
2. Tap  and choose an icon that best represents your automation.
3. 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.
4. Tap **Add conditions** (C) and select any of the following (D):
 - **Device status change** (Select the device)
 - **Away Mode** (Enable or Disable)

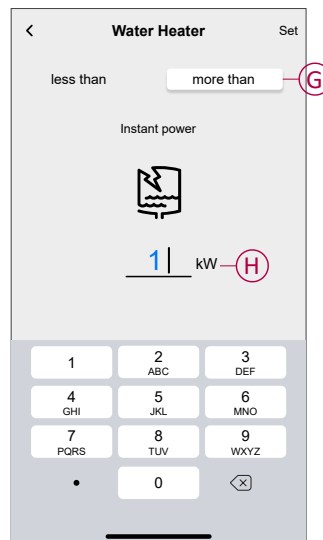
NOTE: Maximum 10 conditions can be added.




5. Select a device (E) that will set the condition and then select **Instant power** (F).



6. Tap **more than** (G), enter a power value in the field (H) and tap **Set**.

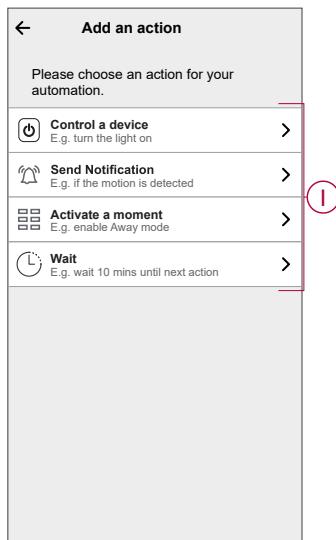


NOTE: To remove an added condition, swipe left and tap .

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

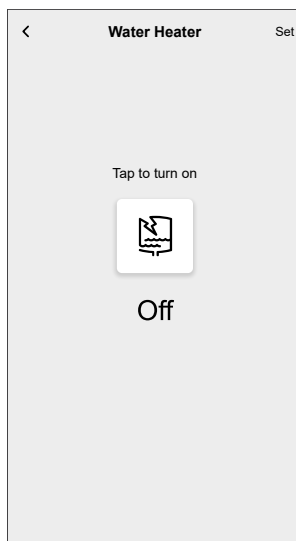
NOTE: Maximum 10 actions can be added.

- **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.
- **Wait:** This option allows you to add a delay in an automation sequence. You can set the wait time in increments of 1 hour and 1 minute, up to a maximum of 24 hours. This feature is useful for delaying actions within an automation.



8. Tap **Control a device > Water Heater**, then tap to turn ON/OFF.

NOTE: By default, the state is set to Off.





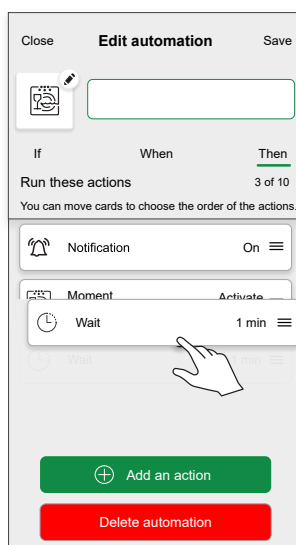
9. Tap **Set** and then tap **Save**.

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

Editing an automation

To edit an automation:


1. On the **Home** page, tap  > **Automation**.
2. Tap the automation you want to edit.
3. On the **Edit automation** page, you can:
 - Change the icon.
 - Rename the automation.
 - Change the condition or action.
4. Remove the Condition or Action by swiping it to the left and tapping the .
5. To change the order of actions, tap the **Then** option, and hold an action then drag and drop to the desired position.



6. Add a new condition or action and then tap **Save**.

Deleting an automation

To delete an automation:



1. On the **Home** page, tap  > **Automation**.
2. Tap the automation that you want to delete.
3. On the **Edit automation** page, tap **Delete automation** and tap **Ok**.

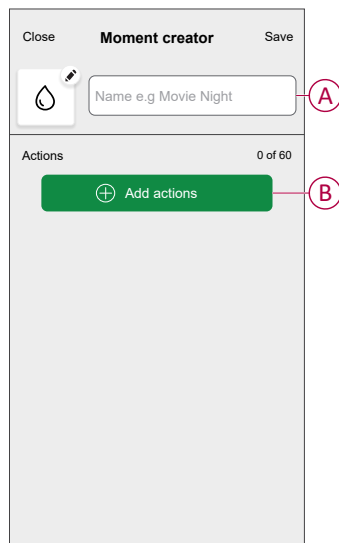
Moments

Moment allows you to group multiple actions that are usually performed together. By using the Wiser Home app, you can create moments based on your needs.

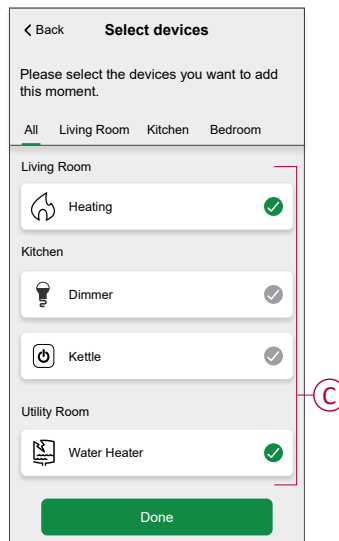
Creating a moment

To create a moment:

1. On the **Home** page, tap  > **Moments** > .
2. Enter the name of the moment (A).
3. Tap **Add actions** (B) to select the list of devices.

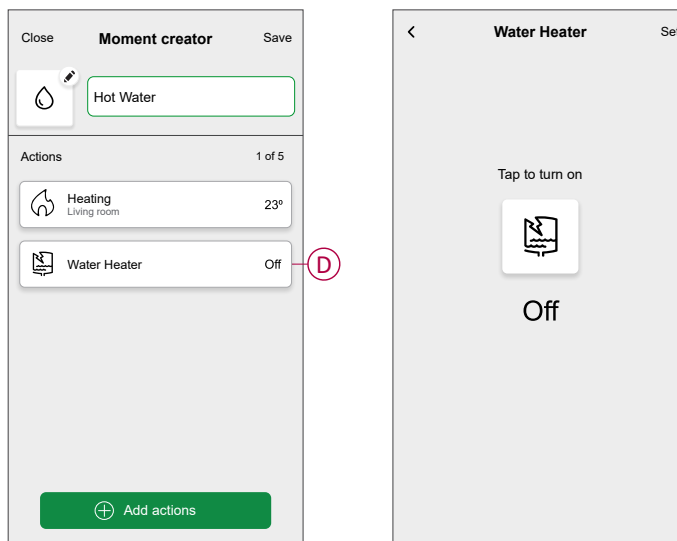


4. Select the devices (C) you want to set an action and tap **Done**.



5. On the **Moment creator** page, select any one of the following device (D) and set actions.



6. Tap Off/On as per need and tap **Set**.




7. Once all conditions are set, tap **Save**.

The saved moment is shown on the **Moments** tab.
You can tap on the moment to enable it.

Editing a moment


1. On the Home page, tap  > **Moments** .
2. Select the moment you want to edit  .
3. On the **Moment Editor** page, you can tap each item to change the settings and tap **Save**.

Deleting a moment

1. On the Home page, tap  > **Moments** .
2. Select the moment you want to delete  .
3. On the **Moment Editor** page, tap **Delete** and tap **Ok**.

Removing the device

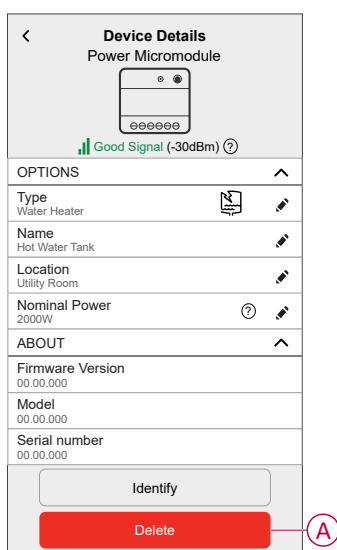
Using the Wiser Home app, you can remove the module from the system.
To remove the device:

1. On the Home page, tap .
2. Tap **Devices > Power Micromodule > Delete (A)**.
3. Tap **Remove from System**.

Removing the device will delete all the historical data.

NOTE:

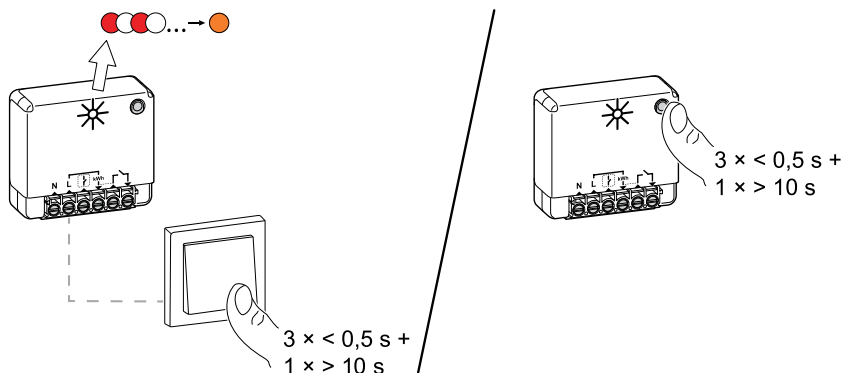
- Removing the device will reset the module. After reset the LED turns amber indicating that the module is ready to pair with another network.
- If there is a problem while pairing or resetting the module, refer to **Resetting the device manually**, page 42.



Resetting the device



Select any one of the options to reset the device to factory default mode based on your installation:

- Short press the mechanical push-button 3 times and then long press once (>10 s).
- Short press the Setup/Reset button of the module 3 times and then long press once (>10 s) on the module.





LED indication



Pairing the device

User Action	LED Indication	Status
Short press the push-button (PRESS) 3 times.	LED blinks amber once per second. 	Pairing mode is active for 30 seconds. When pairing is completed, LED displays green for a few seconds before turning Off. 





Resetting the device

User Action	LED Indication	Status
Short press the push-button (PRESS) 3 times and hold it down once for > 10 s.	LED blinks red once per second. 	The device is in reset mode. The device then restarts and LED turns amber indicating that the device is ready for pairing. 

Troubleshooting

Error	Possible cause	Solution
The device is not ready to pair after the device is removed from the app.	The device is not reset correctly.	Reset to factory default settings, refer to Resetting the device manually , page 42.
 Data not available in the control panel page.	<ul style="list-style-type: none"> The device is offline. System/Hub is unable to receive data from the device. Ethernet connection is incorrect 	Restart the device. Also, ensure to correct the Ethernet connection.
 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

Nominal power rating for load type		
	Incandescent lamp	2200 W
	LED	200 W
	Motor	1180 W
	Electronic step-down converter	500 VA
R	Resistance	3000 W
C	Capacitance	10 A, 25 μ F
L	Inductance	5 A, $\cos \varphi = 0.6$

Power supply	230 V AC, 50 Hz
Switching capabilities	230 V AC, 14 A
Power consumption	< 1 W
Max. Power	3000 W, Integrated Zero crossing
Operation Ambient temperature	-20 °C to 35 °C
Protection rating	IP20
RF Protocol	Zigbee 3.0
Radio frequency range	2.4 GHz
Dimensions (W x L x H)	40 x 44 x 16.9 mm
Max. radio-frequency power transmitted	< 10 mW

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/>



EU Declaration of Conformity

Hereby, Schneider Electric Industries, declares that this product is in compliance with the essential requirements and other relevant provisions of RADIO DIRECTIVE 2014/53/EU. Declaration of conformity can be downloaded on se.com/docs.

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DUG_Power_Micromodule_WH-03