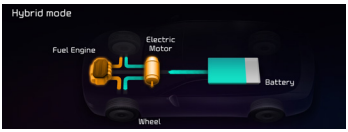
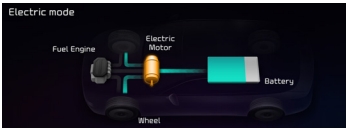
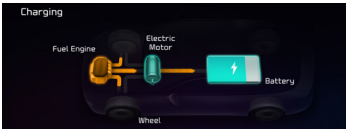
In case of starting the vehicle

Energy flows	Description
	Starting with the motor power

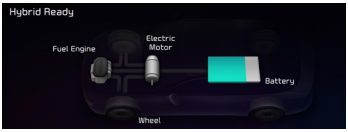
In case of driving

Energy flows	Description
	Driving with the engine and motor
	Driving with the engine power
	Driving with the motor power
	Driving and charging with the engine power
	Driving with the motor power and charging with the engine power

In case braking

Energy flows	Description
	Charging with both the deceleration energy for braking and the power of engine
	Charging with the deceleration energy for braking
	Braking the vehicle by decreasing the power of engine and charging with its deceleration energy
	Braking the vehicle by decresing the power of ehgine

In case of idling

Energy flows	Description
	No power transfer in standby mode
	Charging with the engine power in standby mode

Plug-in Hybrid

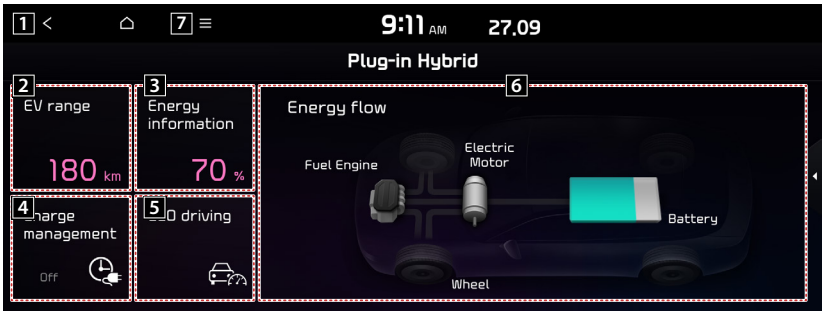
Using the Plug-in Hybrid menu (PHEV only)

You can see the driving and energy information, schedule charging, or search for charging stations.

On the All Menus screen, press **PHEV**.

Plug-in Hybrid screen (PHEV only)

The Plug-in Hybrid screen provides the following features and information.



1 Returns to the previous step.

2 Can see the drivable range under the remaining battery amount.

3 Can check information such as drivable distance and battery status.

4 Can schedule a charging or set the related options.

5 Can check the eco-driving information.

6 Can see the energy flows for each component while driving.

7 The list of menu items appears.

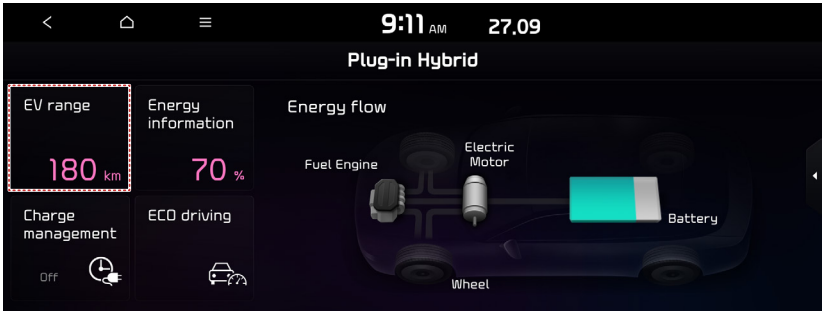
- Split Screen: Can turn on or off the split screen mode.

Depending on vehicle model or specifications, the screen layout and available options may differ.

Viewing the drivable range with remaining battery level (PHEV only)

You can check the drivable range under the remaining battery amount.

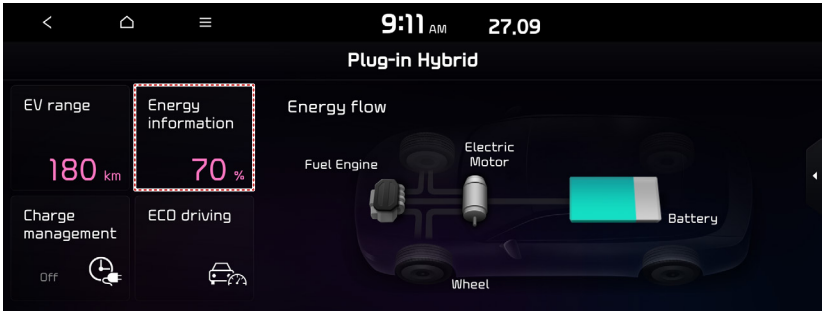
1. On the **Plug-in Hybrid** screen, Press **EV Range**.



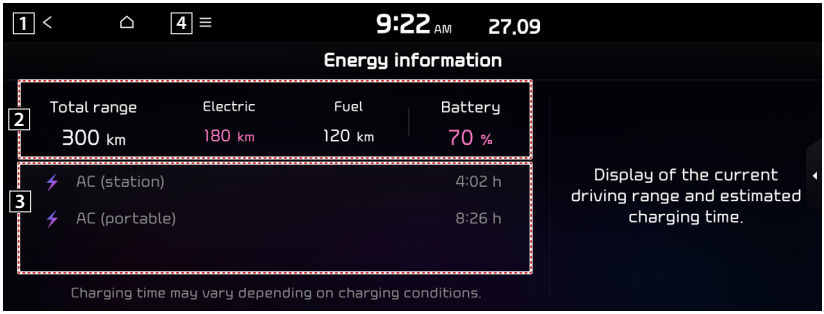
Viewing the energy information (PHEV only)

You can see the drivable distance and the estimated charging time.

On the **Plug-in Hybrid** screen, press **Energy Information**.



Energy information screen



1 Returns to the previous step.

2 Can see the total renge & battery status and drivable distances for each fuel type (electricity, gasoline).

3 Can see the full charging time for AC charging.

4 The list of menu items appears.

- Split screen: Can turn on or off the split screen mode.

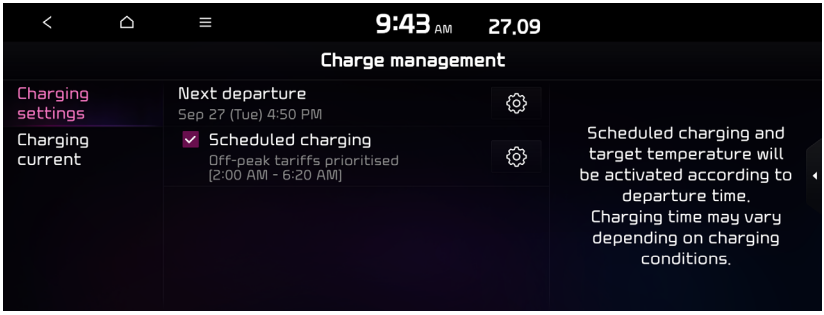
The drivable distances is an estimate based on the real-time fuel economy. When you driving pattern changes, the drivable distance may differ.

Using the charging management features (PHEV only)

You can set to automatically charge the battery according to the preset departure time. In addition, you can set to automatically charge the battery according to the options for off-peak electricity time and off-peak charging priority.

1. On the **Plug-in Hybrid** screen, press **Charge Management**.

2. Select and then change the settings.



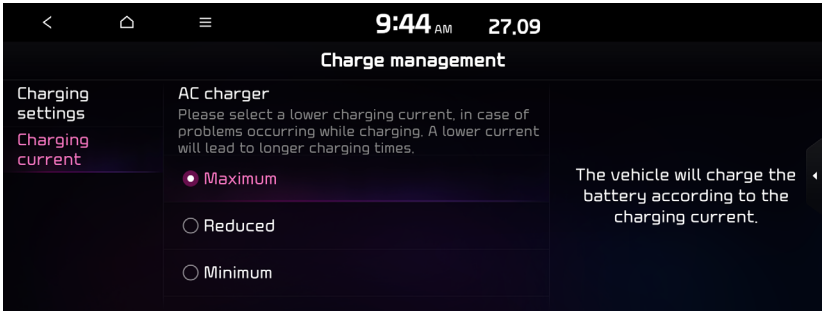
Setting for charging

You can schedule the charging based on the departure time.

Setting for charging current

You can select the charging current to be used for AC Charging.

1. On the **Charge Management** screen, press **Charging Current**.



Depending on vehicle model or specifications, the screen layout and available options may differ.

2. Select a charging type to set the charging current.

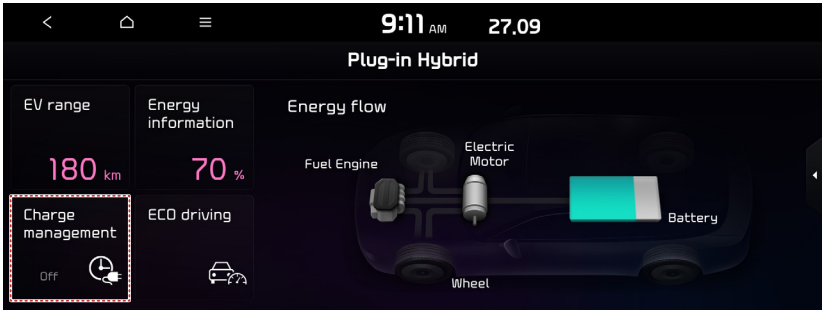
The charging time may vary depending on charging conditions.

When you set an inappropriate charging current, the battery may not be charged properly, causting a charging error.

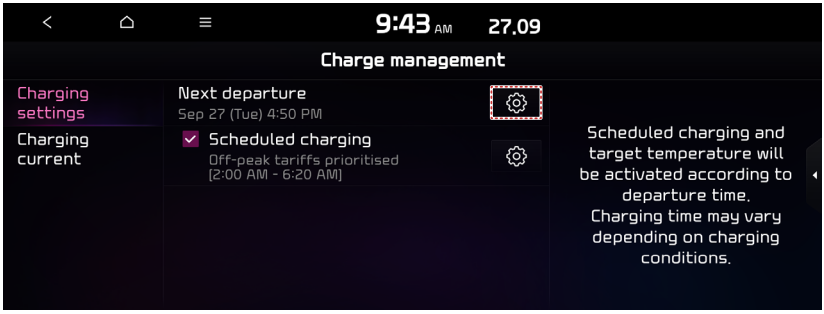
Setting the departure time (PHEV only)

You can set the departure time and off-peak electricity time.

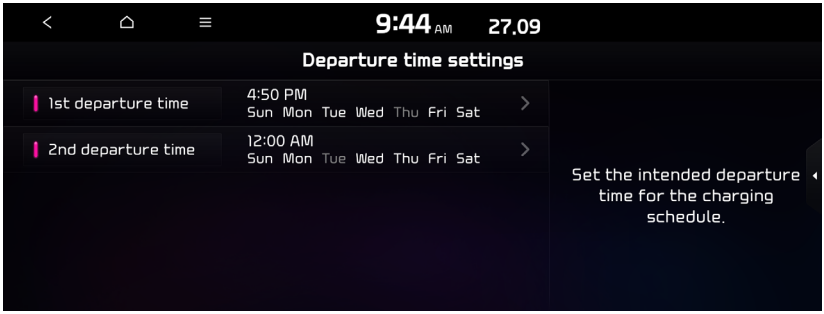
1. On the **Plug-in Hybrid** screen, press **Charge Management**.



2. Press ⚙ on the right of **Next Departure**.



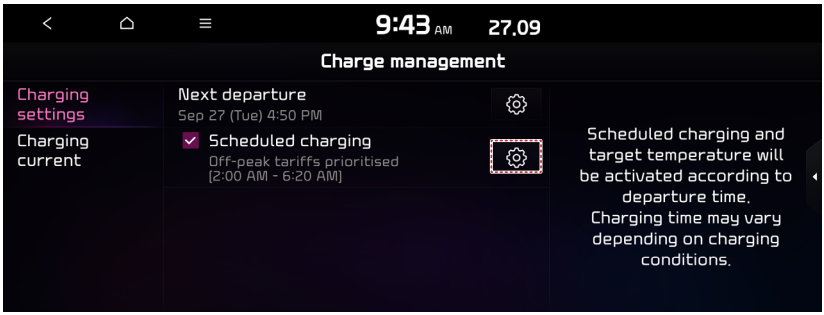
3. Select the departure time and then press › for the item.



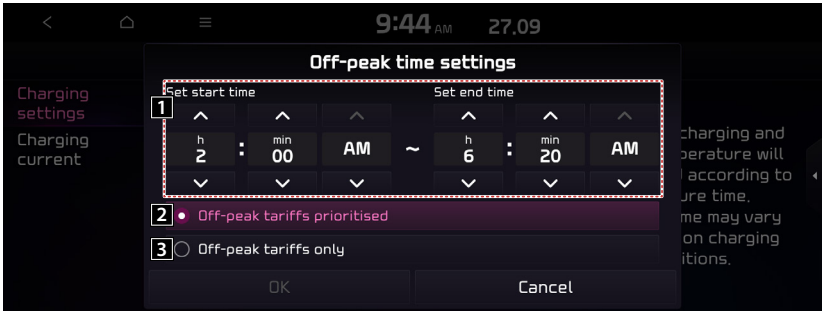
4. Set the time and day and then press **OK**.
   On the Charge Management screen, you can see the set departure time.

Scheduling a charging

1. On the **Charge Management** screen, press **Charging Settings**.
2. Check **Scheduled Charging** and then press ⚙.



3. Select and then change the settings.



1 You can set the off-peak electricity time.

2 You can charge the battery for the Next Departure, primarily using the off-peak electricity time.

3 You can charge the battery only at the off-peak electricity time.

4. Press **OK**.

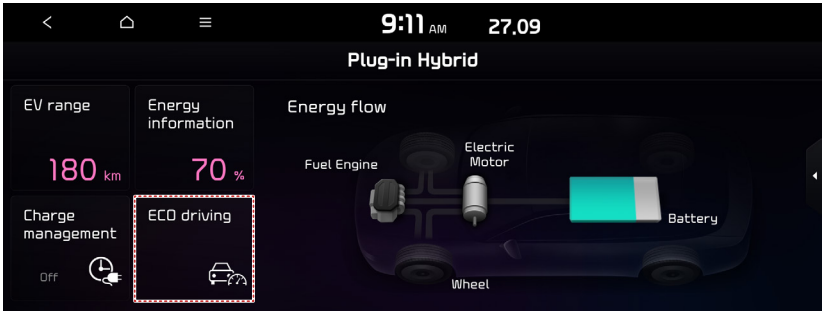
   Scheduled charging is preformed only when the charging connector is connected to the vehicle.

   Scheduled charging is synchronized with the preset departure time and its charging time may differ depending on the environment.

Viewing the eco-driving information (PHEV only)

You can see the eco-driving information and driving records.

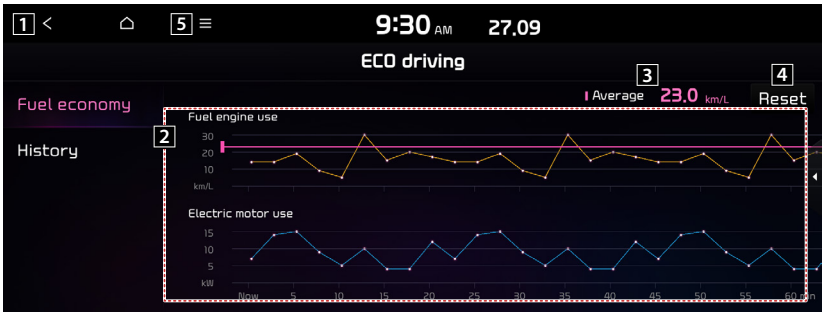
On the **Plug-in Hybrid** screen, press **ECO Driving**.



Seeing the fuel economy information

You can check the fuel economy for driving.

On the **ECO Driving** screen, press **Fuel Economy**.



1 Returns to the previous step.

2 Can see the graphs for hybrid fuel economy and electric motor usage.

3 Can see the average fuel economy of the vehicle.

4 Can initialize all fuel economy graphs.

5 The list of menu items appears.

- Delete History: Can delete a history.
- Split screen: Can turn on or off the split screen mode.

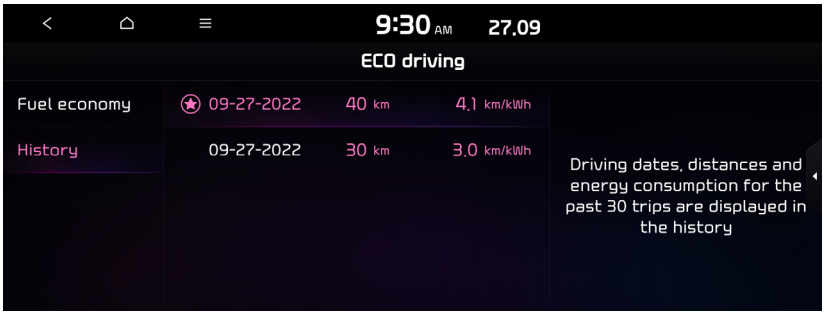
The graphs are updated every 2.5 minutes. When you stop the vehicle, the graphs are initialized.

The average fuel economy is the average fuel economy accumulated after fueling. Accordingly, even when the graph is initialized, the information is maintained.

Seeing the PHEV fuel economy history

You can view the driving dates, driving distance, and average fuel economy that correspond to each driving record.

On the **ECO Driving** screen, press **Fuel Economy History**.



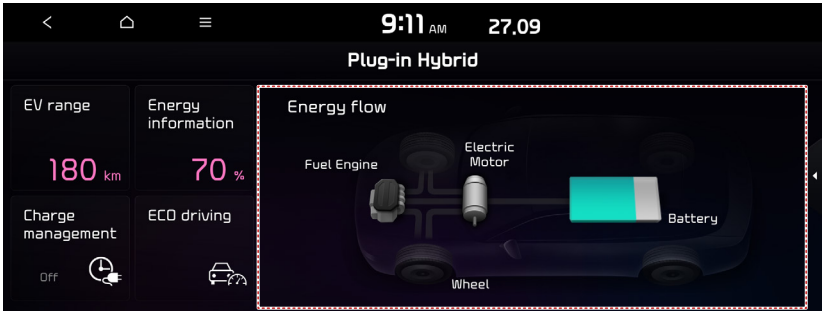
When there is the best fuel economy, appears before the record.

To delete a record, press > **Delete History**.

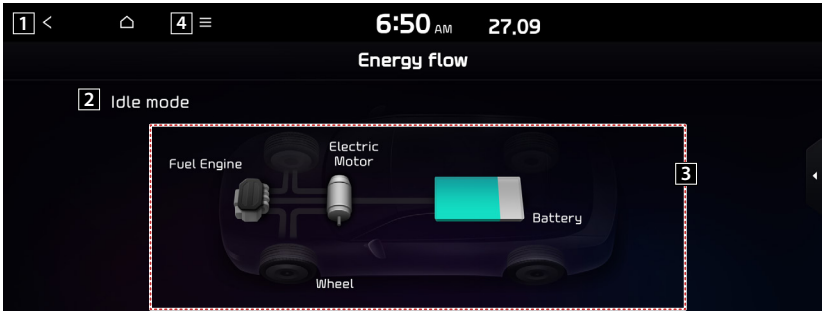
Viewing the energy flow (PHEV only)

You can see the energy flows of the vehicle.

On the **Plug-in Hybrid** screen, press **Energy Flow**.



Energy flows screen



1 Returns to the previous step.

2 Can see the driving status of the vehicle.

3 Can see the energy flows among the engine, motor, and battery.

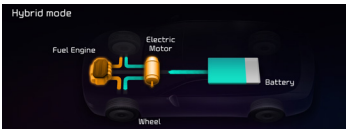
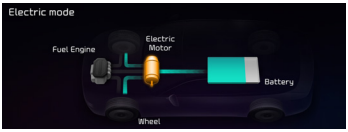
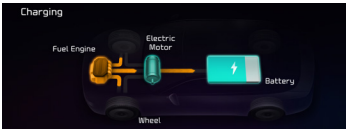
4 The list of menu items appears.

- Split screen: Can turn on or off the split screen mode.

In case of starting the vehicle

Energy flows	Description
	Starting with the motor power

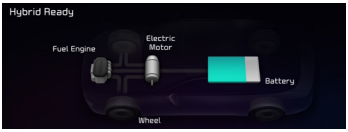
In case of driving

Energy flows	Description
	Driving with the engine and motor
	Driving with the engine power
	Driving with the motor power
	Driving and charging with the engine power
	Driving with the motor power and charging with the engine power

In case braking

Energy flows	Description
	Charging with both the deceleration energy for braking and the power of engine
	Charging with the deceleration energy for braking
	Braking the vehicle by decreasing the power of engine and charging with its deceleration energy
	Braking the vehicle by decresing the power of ehgine

In case of idling

Energy flows	Description
	No power transfer in standby mode
	Charging with the engine power in standby mode

Electric Vehicle

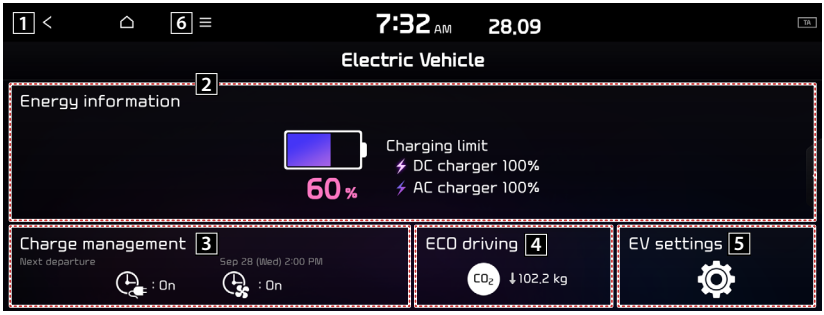
Using the Electric Vehicle menu (EV only)

You can use various features for electric vehicles, such as seeing the driving or energy information, scheduling a charging, or searching for charging stations.

On the All Menus screen, press **EV**.

Electric Vehicle screen (EV only)

The Electric Vehicle screen provides the following features and information.



1 Returns to the previous step.

2 Can check information such as drivable distance and battery status.

3 Can schedule a charging or set the related options.

4 Can check the eco-driving information.

5 You can set to enable the Electric Vehicle mode.

6 The list of menu items appears.

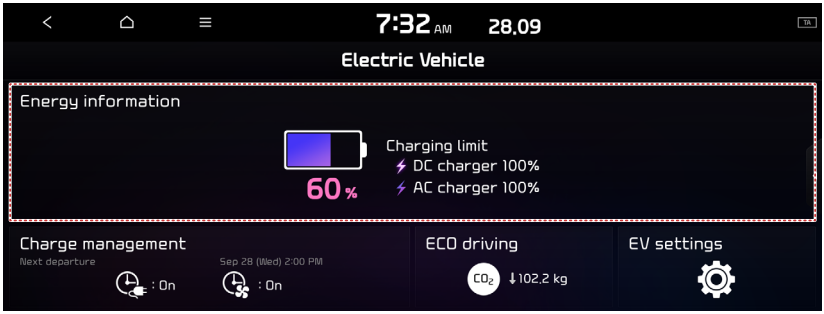
- Split Screen: Can turn on or off the split screen mode.

Depending on vehicle model or specifications, the screen layout and available options may differ.

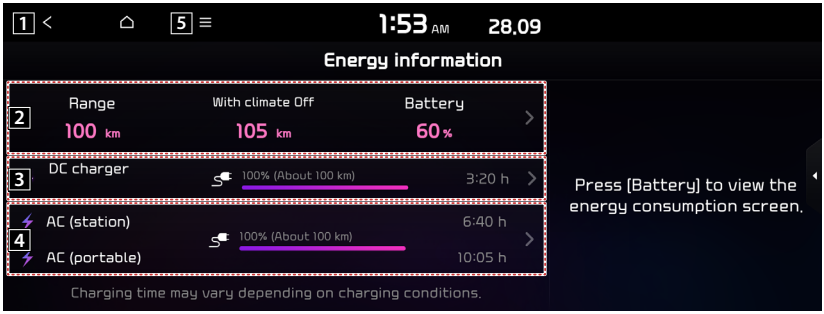
Viewing the energy information (EV only)

You can see the drivable distance and the estimated charging time.

On the **Electric Vehicle** screen, press **Energy Information**.



Energy information screen



1 Returns to the previous step.

2 You can see the drivable distance and battery status. Press › to move to the energy consumption information screen.

3 With the DC charger, you can see the charging time to the target battery amount and the estimated drivable distance when fully charged. Press › to move to the setting screen for target DC charging battery level (if equipped).

4 With the AC charger, tou can see the charging time to the target battery amount and the estimated drivable distance when fully charged. Press › to move to the setting screen for the target AC charging battery level.

5 The list of menu items appears.

- Electricity Use: Can see energy consumptions for each component after you started the vehicle.
- Maximum % Charge: DC Charger: Can set the target battery level for DC charging.
- Maximum % Charge: AC Charger: Can set the target battery level for AC charging.

- Split screen: Can turn on or off the split screen mode.

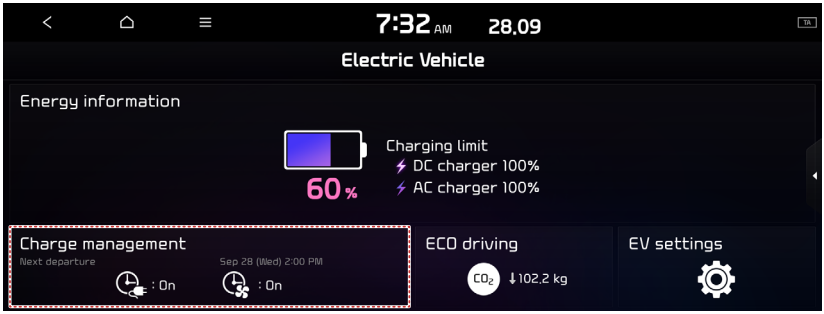
The drivable distances is an estimate based on the real-time fuel economy. When you driving pattern changes, the drivable distance may differ.

Depending on the driving pattern, the estimated drivable distance may differ even when the same target battery level.

Using the charging management features (EV only)

You can configure various features such as scheduling battery charge and climate controls according to the preset departure time.

1. On the All **Electric Vehicle** screen, press **Charge Management**.



2. Select and then change the settings.

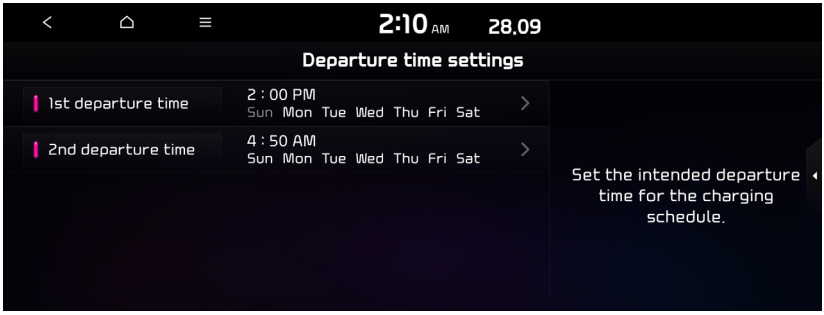
Scheduling a charge and climate controls

You can schedule the charging an climate controls based on the departure time.

Setting the departure time

1. On the **Charge Management** screen, press **Charging and Climate**.
2. Press ⚙ on the right of **Next Departure**.

3. Select the departure time and then press › for the item.

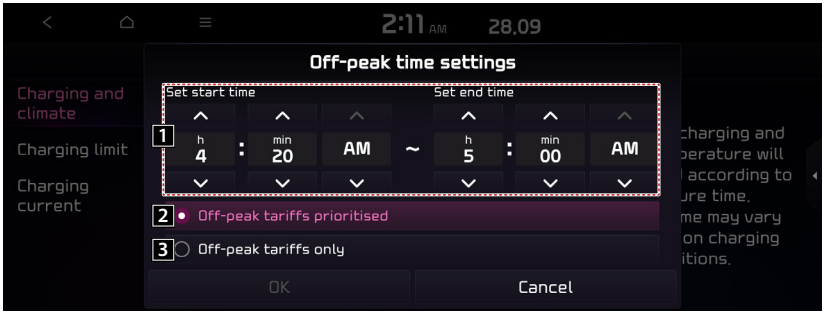


4. Set the time and day and then press **OK**.

Scheduling a charging

1. On the **Charge Management** screen, press **Charging and Climate**.
2. Check **Scheduled Charging** and then press ⚙.

3. Select and then change the settings.



1 You can set the off-peak electricity time.

2 You can charge the battery for the Next Departure, primarily using the off-peak electricity time.

3 You can charge the battery only at the off-peak electricity time.

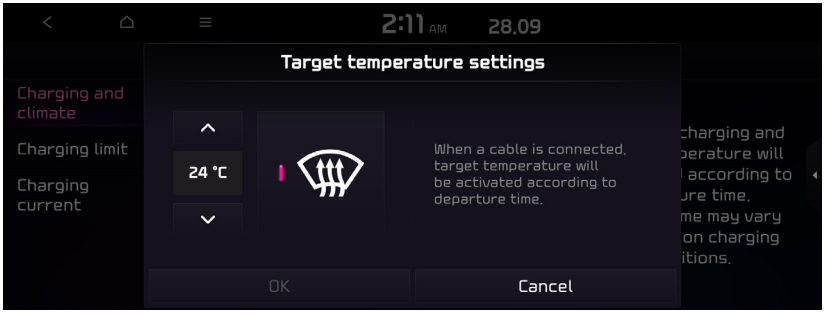
4. Press **OK**.

Scheduled charging is preformed only when the charging connector is connected to the vehicle.

Scheduling climate controls

1. On the **Charge Management** screen, press **Charging and Climate**.
2. Check **Scheduled Climate** and then press ⚙.

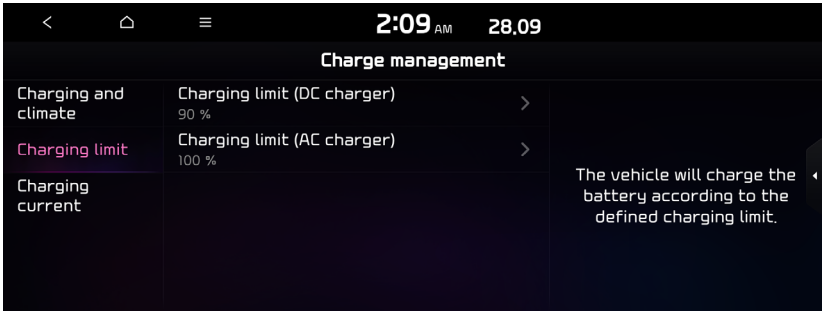
3. Set the desired temperature and auto defogging and then press **OK**.



Setting for charging limit

The vehicle will charge the battery according to the defined charging limit.

1. On the **Charge Management** screen, press **Charging limit**.
2. Set the charging limit.



Setting for charging current

Select the charging current to be used for AC Charging.

1. On the **Charge Management** screen, press **Charging current**.

Depending on vehicle model or specifications, the screen layout and available options may differ.

2. Select a charging type to set the charging current.

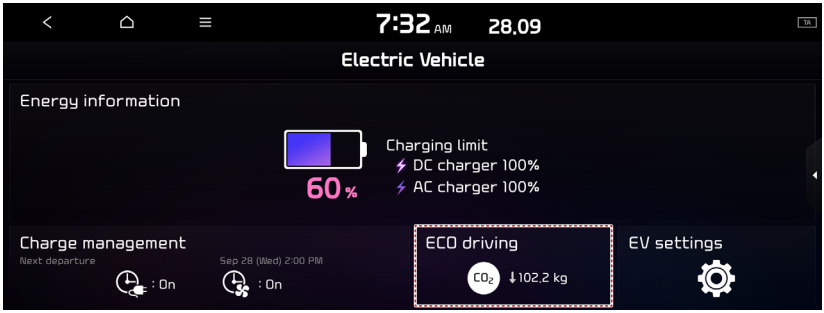
The charging time may vary depending on charging conditions.

If a problem occurs while charging, lower the charging current and try again. When the charging current is lowered, charging may take longer.

Viewing the eco-driving information (EV only)

You can see the eco-driving information of the vehicle.

1. On the All **Electric Vehicle** screen, press **ECO Driving**.



2. Select the desired item to see its information.

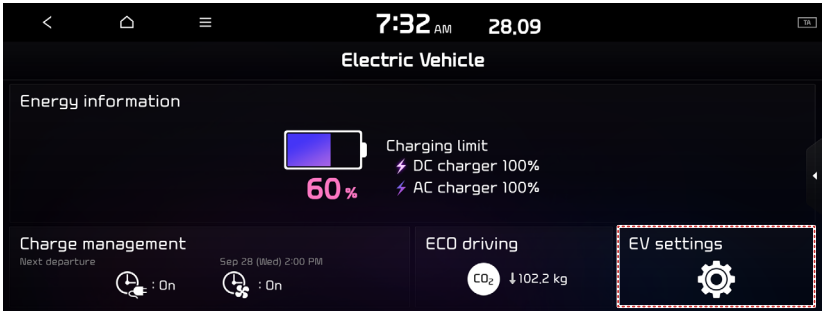
Seeing the environmental contribution information

You can check the amount of carbon dioxide reduction conpared to driving with gasoline. On the ECO Driving screen, press ECO Contrib.

Configuring the EV settings (EV only)

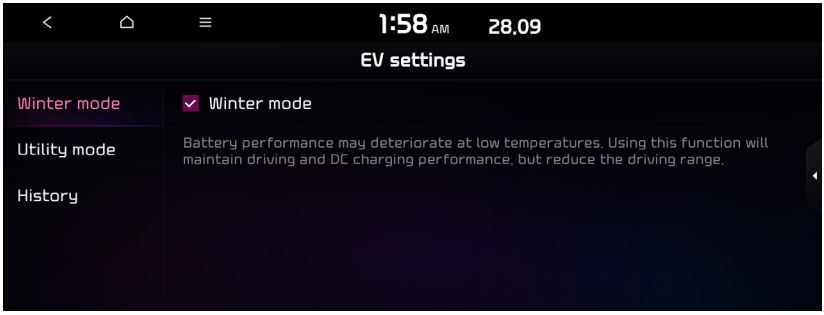
You can set to display the warning message when the remaining battery amount is low for the destination and you can also see the drivable distance. In winter, you can also set to increase the battery temperature in advance.

1. On the All **Electric Vehicle** screen, press **EV settings**.



2. Select and then change the settings.

   Available options may differ depending on the vehicle model and specifications.



Winter Mode

Can increase the battery temperature in advance to enhance the charging and driving performance when scheduling charge or climate controls in winter. This decreases the drivable distance because it causes to drain the battery faster.

Utility Mode

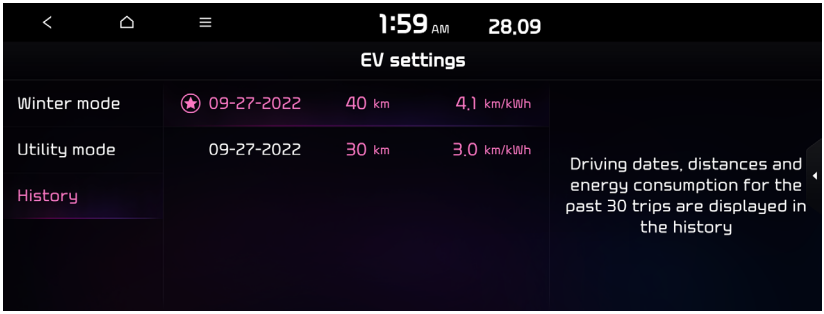
Turns on utility mode. When this function is on, electric systems on the vehicle are operated using the driving (high-voltage) battery.

To turn off utility mode, press the Start button.

Setting the EV fuel economy history

You can view the driving dates, driving distance, and average fuel economy (EV) that correspond to each driving record.

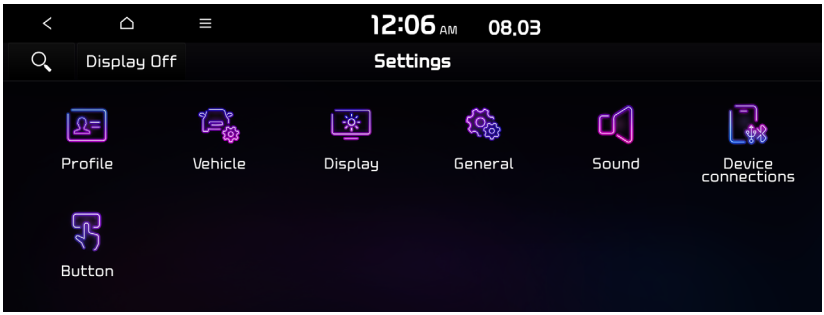
On the ECO Driving screen, press **history**.



Settings

Configuring system settings

Configure various functions required for using the system. View information related to the system.



- The displayed screen or menu items may differ, depending on the vehicle model and featires.
- Press ☰ > **Setting search** or press 🔍 and enter a keyword to search for a settings item.
- It you press **Display Off** at the top of the screen, the screen is switched off. To switch the screen back on, press the screen or briefly press the power button.

Configuring the vehicle settings

You can configure the function for driving and related enovironments.

Warning

Make sure you stop the vehicle before changing settings to ensure safety.

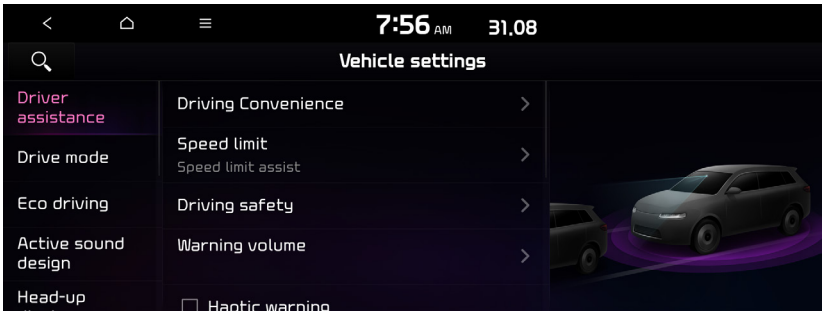
- Vehicle settings can be changed only when the vehicle is on.
- Available settings may differ depending on the vehicle model and specifications.
- Depending on the climate control system, some functions may not be supported.

1. On the All Menus screen, Press **SETUP** > **Vehicle**.
   The Vehicle settings screen appears.
2. Configure the settings required.

Press ☰ > **Setting search** or press 🔍 and enter a keyword to search for a settings item.

Driver assistance (if equipped)

You canset to use various systems that assist the driver for safey.



The screen may differ depending on the vehicle model and specifications.

Warning

- Be sure to always check the road conditions while driving. The Driver Assistance system helps you drive safely and conveniently.Relying solely on the function may cause violation of traffic rules and regulations, resulting in an accident.
- Be sure to control the vehicle by your judgment and keep traffic regulations for safety. When the function is active, drive the vehicle with keeping eyes froward and checking the surroundings.
- Not all warning sor funcitons are necessary when they are active, and they do not replace the driver discretion under any circumstances. Stay focused on the road while driving.

Driving Convenience (if equipped)

Sets the properties of Driving Convenience system.

The Driving Convenience system operates based on the information from the navigation system so you must use the system only when the navigation system operates properly.

- **Smart Cruise Control**: Configure the smart cruise control linkage or style settings.
- **LFA(Lane Following Assist)**: Automatic adjustment of the steering wheel to keep the vehicle centred on the lane.
- **Speed limit warning**: Display of the current speed limit of the road.

Speed Limit (if equipped)

Sets the properties of the Speed Limit system.

- **Speed Limit Assist**: Adjusts the vehicle set speed based on the current speed limit of the road.
- **Speed Limit Warning**: Provides a warning when the speed limit is exceeded.

- **Off**: Disables the Speed Limit functions.

Driving safety (if equipped)

Configure driving-related safety features.

- **Forward safety**: Provides a warning and vehicle control when a risk of forward collision is detected.
- **Forward cross-traffic safety**: Provides a warning and emergency braking when a risk of forward cross-traffic collision is detected.
- **Forward/Side safety**: Provides a warning and emergency steering when a risk of forward or side collision is detected.
- **Lane safety**: Automatically assists with steering to help prevent the vehicle from leaving the lane.
- **Blind-spot safety**: Provides warning when a risk of blind-spot collision is detected and provides an emergency braking while exiting.
- **Blind-spot view**: Displays the blind-spot view on the cluster when the turn signal switch is turned on.
- **SEA (Safe Exit Assist)**: Safe exiting from the vehicle by detecting traffic in the blind spot and providing a warning and exit control.
- **Safe Exit Warning**: Provides a warning and door control when an approaching vehicle is detected in the vehicle's blind spot.

Warning volume (if equipped)

Sets the volume of the warning sound.

Haptic warning (if equipped)

Sets the intensity of the steering wheel vibration warning.

DAW(Driver Attention Warning) (if equipped)

Sets the properties of the Driver Attention Warning system.

- **Leading vehicle departure alert**: Alerts the driver during a stop, when the leading vehicle departs.
- **Forward attention Warning**: A warning is provided when the driver's gaze does not focus on the road.
- **Inattentive Driving Warning**: Provides a warning when signs of driver inattentiveness are detected, and recommends a rest if needed.

Driving safety Off in N mode (if equipped)

Automatic disabling of driving safety systems when N mode is selected.

Warning timing (if equipped)

Sets the timing of the warning.

Forward safety (if equipped)

Sets the properties of the Forward Safety system.

- **Forward cross-traffic safety**: Provides a warning and emergency braking when a risk of forwrd cross-traffic collision is detected.
- **Active Assist**: Provides a warning and vehicle control when a risk of forward collision is detected.

Warning

The funciton is only a supplemental function and it is not intended to, nor does it replace the need for extreme care and attention of the driver. The sensing range and objects detectable by the sensors are limited. Pay attention to the road conditions at all times.

- **Active assistance**: Provision of a warning and vehicle control when a risk of forward collision is detected.
- **Warning Only**: Provides a warning when a risk of forward collision is detected.
- **Off**: Disables the Forward Safety functions.

Lane safety (if equipped)

Sets the properties of the Lane Safety systems.

- **Active assistance**: Automatic adjustment of the steering wheel to keep the vehicle centred in the lane.
- **Assist**: Automatically assists with steering to help prevent the vehicle from leaving the lane.

Warning

Lane Keeping Assist is s supplementary function for safe driving and does not replace driving. It is the responsibility of the driver to always be aware of the surroundings and steer the vehicle.

When the lanes are not recognized well by front view camera, always check the surroundings because Lane Kepping Assist may not work properly.

- **Warning Only**: Provides a warning when the vehicle leaves the lane without operating the turn signal switch.
- **Off**: Disables the Lane Safety functions.

Blind-spot safety (if equipped)

Sets the properties of the Blind-Spot Safety systems.

- **Blind-spot view**: Displays the blind-spot view in the cluster when operating the turn signal switch.
- **SEA(Safe Exit Assist)**: Provides a warning and door control when an approaching vehicle is

detected in the vehicle's blind spot.

Warning

- Safe Exit Assist may not operate properly when a vehicle is coming rapidly two lanes over from your vehicle or a vehicle is approaching at a fast speed from the rear in the lane next to your vehicle.
- Safe Exit Assist may not operate properly if there is any vehicle or obstacle at the rear area of your vehicle.
- Safe Exit Assist may be activated later than normal or may not operate properly if a vehicle is approaching fast from the rear of your vehicle.
- Safe Exit Assist may not operate when the Blind-Spot Safety system malfunctions as follows:
  - The warning message of the Blind-Spot Safety system appears on the instrument cluster.
  - The sensors of the Blind-Spot Safety system are contaminated or covered.
  - The Blind-Spot Safety system does not generate warning or generates a wrong alert.

- **Active Assist**: Provides a warning and vehicle control when a risk of blind-spot collision is detected.

Warning

Always be aware of road conditions while driving and be alert for unexpected situations even though Blind-Spot Collision Warning and Blind-Spot Collision-Avoidance Assist are operating.

- **Warning Only**: Provides a warning when a risk of blind-spot collision is detected.
- **Off**: Disables Blind-Spot Safety function.