



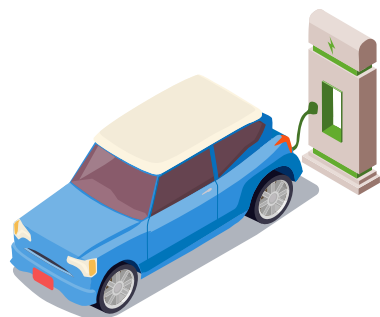
HOW TO USE YOUR ELECTRIC VEHICLE

Practical guide

YOU ARE ABOUT TO TAKE TO THE ROAD WITH YOUR RENTAL ELECTRIC VEHICLE

In this guide, we give you the keys to making the most of your experience. You'll find practical advice on recharging, extending battery life, parking and even returning your vehicle to us, so you don't have to worry about anything. In short, we answer all your practical questions.

Enjoy your reading and the journey!



SOMMAIRE

1. Choose the right rental electric vehicle 3
2. The main stages in the life cycle of an electric vehicle 4
3. Recharge your electric vehicle user manual..... 6
4. Your route in the blink of an eye thanks to the sixt.fr journey simulator!..... 11
5. Practice eco-driving to extend your vehicle's range 12
6. Park in the right place 14
7. Simplify your life when leaving and returning your rental vehicle 15

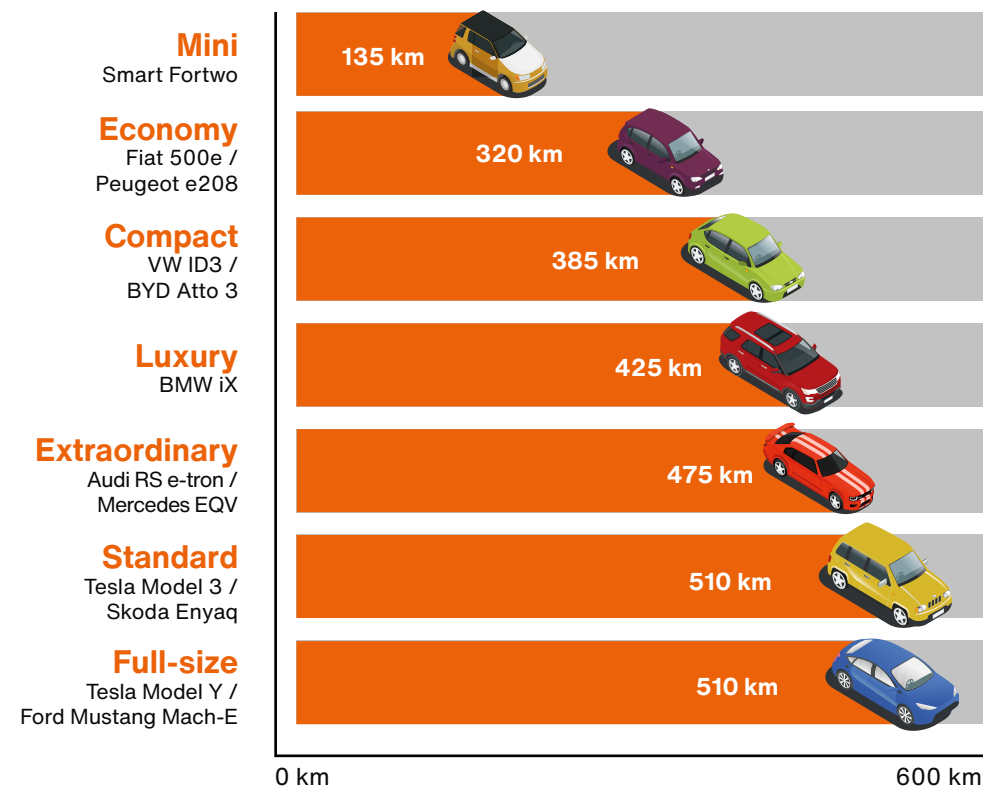
CHOOSE THE RIGHT RENTAL ELECTRIC VEHICLE

Choosing an electric vehicle means being able to drive freely, including in low-mobility emission zones in France (Paris, Lyon, Marseille, Toulouse, etc.) and in Europe (Brussels, Milan, Copenhagen, London, etc.).

GOOD TO KNOW

For the short distances of everyday life, you don't need a vehicle with a very long range. You can opt for a city car (between 135 km and 320 km range**).

RANGE OF SIXT* VEHICLES



* from...

** Actual range varies according to the type of vehicle and model chosen. Source: Enedis, «Guide pratique pour recharger sa voiture électrique» ("Practical guide to recharging your electric car"), 2021

THE MAIN STAGES IN THE LIFE CYCLE OF AN ELECTRIC VEHICLE

To calculate the CO₂ footprint of an electric vehicle, we use the Life Cycle Assessment (LCA) tool.

How it's made

The production of an electric vehicle, and in particular its battery, has around 50% more impact on the environment than that of a combustion engine vehicle*, but this situation is reversed when the vehicle is in use!

Extracting raw materials

Car batteries contain mainly mineral resources (lithium, nickel, cobalt, etc.). Several manufacturers are committed to reducing the quantity of materials used, now and in the years to come.

Transport

The LCA must also take into account the transport of the vehicle (and the associated CO₂ emissions) from the production facility to the place of use.

4x

On average, an electric vehicle is 4 times less polluting than a combustion engine vehicle. It has therefore a very favourable CO₂ footprint, which is yet another reason to go electric! ⁽¹⁾

End of useful life... for the vehicle but not for the battery!

At the end of its useful life, the battery is either reconditioned as a means of storing electricity or recycled (the raw materials are reused in new batteries).

Good to know: the battery of an electric vehicle driven 20,000 km a year can last between 10 and 15 years**, which is longer than the useful life of a combustion engine car.

** Source: je-roule-en-electrique.fr, "Le bilan CO₂ de la voiture électrique" ("The CO₂ footprint of an electric car"), 2022

How to use it

This is the major advantage of an electric vehicle over a combustion engine vehicle: when driving, an electric vehicle emits no CO₂. What's more, in France, over 90% of the electricity used for recharging is decarbonised (and therefore more environmentally friendly)*.

* Source: RTE, «Bilan électrique 2021 - Une production d'électricité assurée à plus de 92 % par des sources n'émettant pas de gaz à effet de serre" ("Electrical power requirements 2022 - A power generation carried out at 92% by sources that do not emit greenhouse gases"), 2022

(1): Source: je-roule-en-electrique.fr "Le bilan CO₂ de la voiture électrique" ("The CO₂ footprint of an electric car"), 2022

RECHARGE YOUR ELECTRIC VEHICLE USER MANUAL

WHERE CAN YOU RECHARGE YOUR ELECTRIC VEHICLE?

It's simple: you can do it everywhere! More and more charging stations are available throughout your journey. And you can even 'fill up' at home: if you don't have a dedicated charging station, a simple household socket will do the trick.

To make sure you're fully equipped, each of our vehicles is rented with two charging cables: a domestic cable and a type 2 cable.

Fast charging stations (Combo CSS) are fitted with a built-in cable. You can therefore top up at any time!

Car parks

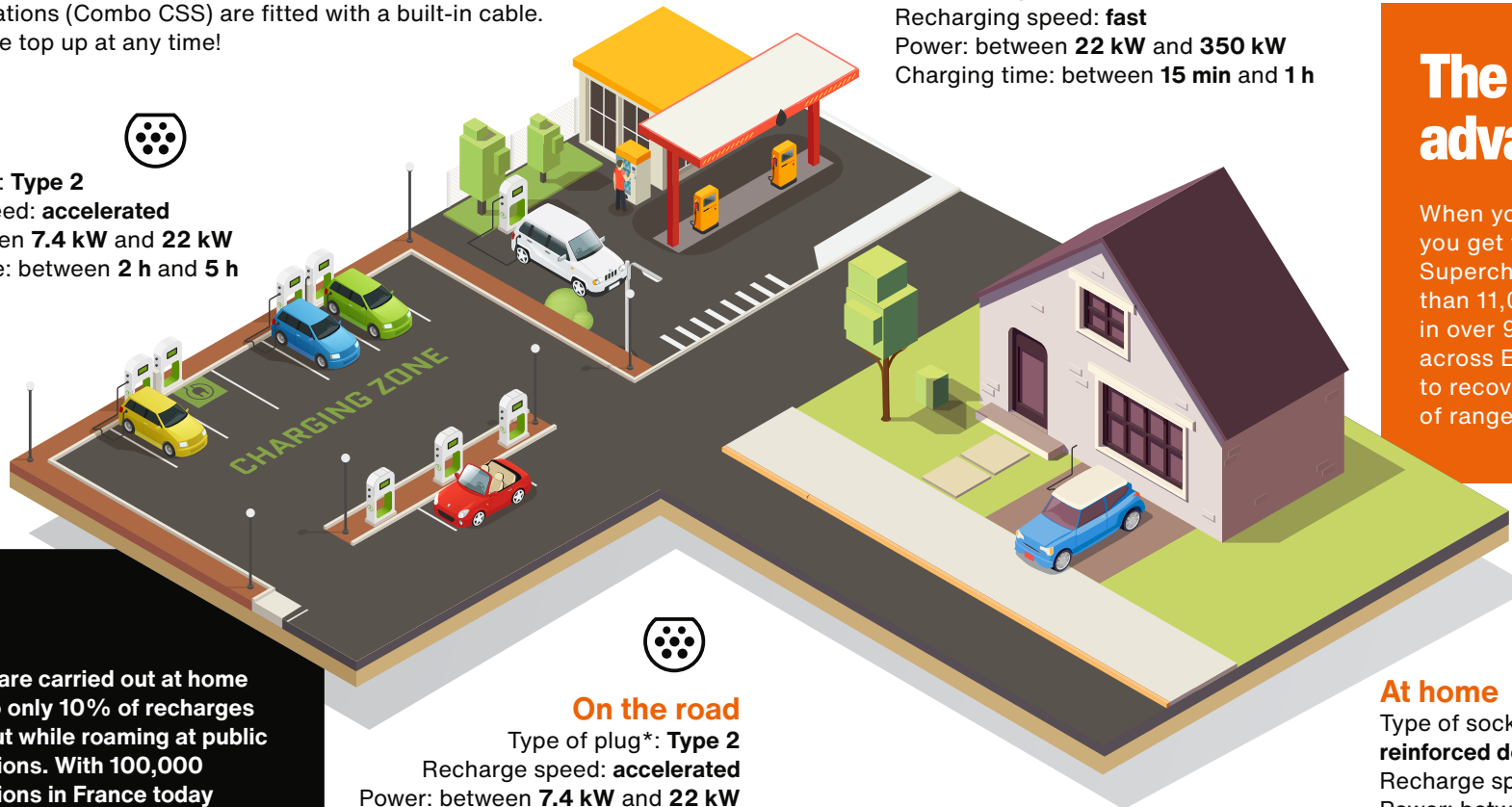


Type of plug*: **Type 2**

Recharge speed: **accelerated**

Power: between **7.4 kW** and **22 kW**

Charging time: between **2 h** and **5 h**



90 %

of recharges are carried out at home or at work, so only 10% of recharges are carried out while roaming at public charging stations. With 100,000 charging stations in France today (400,000 planned by 2030), **there's no risk of charging stations on your route becoming saturated.**



GOOD TO KNOW



To estimate the charging time, simply divide your battery capacity in kWh by the charging power in kW. For example: a 77 kWh battery connected to an 11 kW charging station will take a minimum of 7 hours to go from 0 to 100% charge.

Source: Avere, je-roule-en-electrique.fr, "Tout savoir pour recharger une voiture électrique" («Everything you need to know to recharge an electric car»), 2022

In service stations



Type of plug*: **CCS Combo**

Recharging speed: **fast**

Power: between **22 kW** and **350 kW**

Charging time: between **15 min** and **1 h**

The SIXT advantage

When you rent a Tesla from us, you get free access to the Tesla Supercharger network (more than 11,000 charging stations in over 900 service stations across Europe), which allow you to recover up to 275 km of range in just 15 minutes.

On the road



Type of plug*: **Type 2**

Recharge speed: **accelerated**

Power: between **7.4 kW** and **22 kW**

Charging time: between **2 h** and **5 h**

*Most frequent types of plug

At home



Type of socket*:

reinforced domestic socket

Recharge speed: **slow**

Power: between **2.3 kW** and **3.7 kW**

Charging time: **10 h** on average

Source: French Ministry for Ecological Transition, "Développer l'automobile propre et les voitures électriques" ("Developing clean cars and electric cars"), 2022

HOW DO I RECHARGE AT A PUBLIC CHARGING STATION?

As a general rule, to recharge at a public charging station, you need a recharge card from a mobility operator (such as Shell Recharge or Chargemap) or scan a QR code, which you can then use to pay by credit card.

On fast charging stations, the cable is connected directly to the terminal (like on a petrol or diesel pump). Simply plug it into your vehicle (after scanning your card or the QR code with your phone).



Park in the authorised space, at an available charging station.



Log in to the terminal by swiping your top-up card on the RFID reader or by scanning the QR code.



Take the charging cable (preferably type 2) from the boot or front of your vehicle.



Connect the cable to the terminal (depending on the terminal model, close the bonnet securely).



Open the charging hatch (at the back or front of your vehicle), connect the cable to your car, then lock it.



Your vehicle is charging. In just a few hours, the battery is fully recharged.



At the end of the charge, log in again using your card on the RFID reader or the QR code on the terminal.



Unlock your vehicle and remove the charging cable.

USE THE SHELL RECHARGE CARD

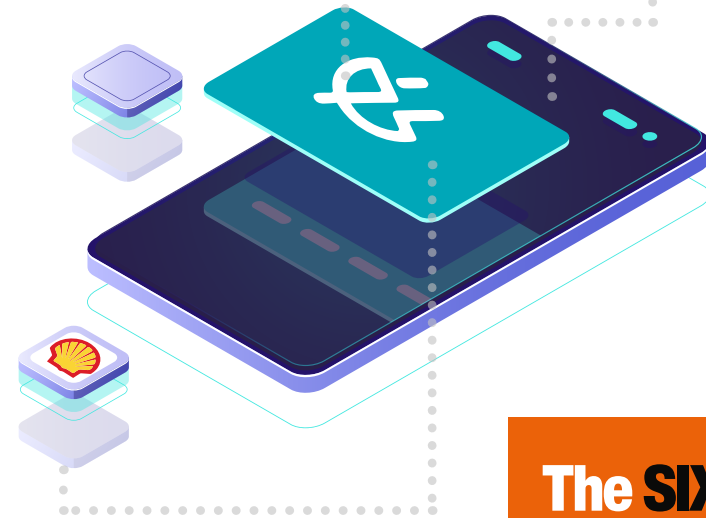
When you rent an electric vehicle from SIXT, we can give you a Shell Recharge card at the counter in our branches. Once you have set up your account, this card gives you access to a network of over 350,000 charging stations across Europe!

It's easy to use:

1. When you collect your vehicle from a SIXT agency, you can receive a blank Shell Recharge card **free of charge.**

2. Download the Shell Recharge application from the App Store or Google Play. Let us guide you to set up your account.

Add your bank details so that your account can be debited at the end of the month for all purchases made.



3. Link your Shell card to your Shell Recharge account

And now you're ready to recharge your vehicle using the card or app!

The SIXT advantage

You keep your Shell Recharge card after the rental period so you can use it again for your next electric vehicle journey.

PLAN YOUR ELECTRIC VEHICLE JOURNEYS

To get the most out of your electric vehicle, our experts have some advice for you:

Recharging your vehicle to 80% is enough for everyday use. Beyond that point, particularly on CCS Combo sockets, the charging power drops to protect the battery cells. It can therefore last longer and cost you more.



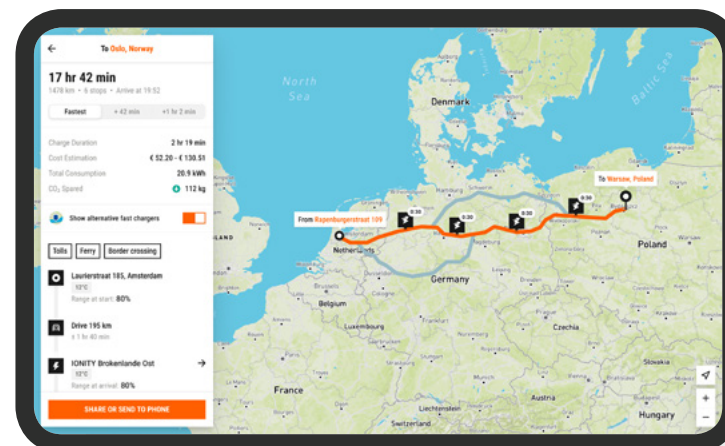
Don't wait until the battery level is low (20% or less) and take advantage of every stop in your daily routine to recharge your car.

For long journeys, use the car's on-board GPS. It is connected in real time to your vehicle's battery, so you can estimate the percentage of battery power at any time during your journey and identify the charging stations compatible with your Shell Recharge card for recharging your vehicle.

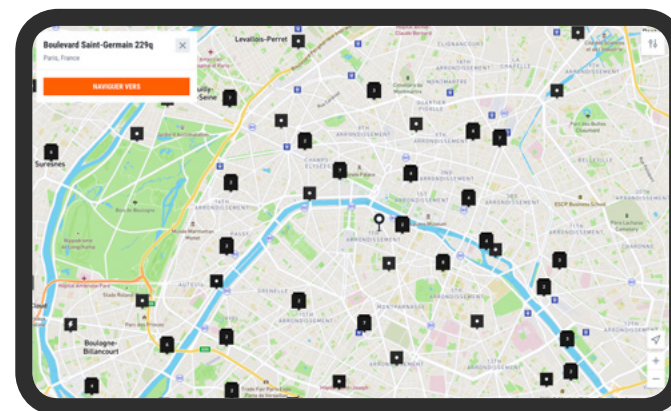


YOUR ROUTE IN THE BLINK OF AN EYE THANKS TO THE SIXT.FR JOURNEY SIMULATOR!

Plan your route and view the various charging stations on your route.



Search for available terminals near you or your holiday destination.



PRACTICE ECO-DRIVING TO EXTEND YOUR VEHICLE'S RANGE



Keep an eye on the weather

Poor conditions (low temperature, heatwave, wind, etc.) can significantly extend charging time and impact the range. If possible, you should also consider the use of heating and air conditioning.

When you are on the road, eco-driving means you consume less fuel, so you can recharge your vehicle less often and save money.



Check the vehicle's weight

A heavy load may have an impact on the vehicle's performance, as the weight tends to reduce the range.



Drive smoothly

Accelerate gently and opt for regenerative braking, i.e. driving mode B (for «Brake») rather than mode D (for «Drive»). It increases the intensity of energy regeneration during deceleration (rather like a more powerful engine brake).



97 %
of electric vehicle users say they are delighted to have chosen this mode of transport, according to the 3rd edition of the Mobility Observatory carried out by Sixt in partnership with the IFOP.

Adapt your speed

In electric vehicles, high speed is the enemy of range. Unlike a petrol or diesel vehicle, motorway journeys consume more energy than city journeys.

On the motorway, driving at 110 km/h allows you to go further while limiting the number of stops*.



Take into account the topography of your route

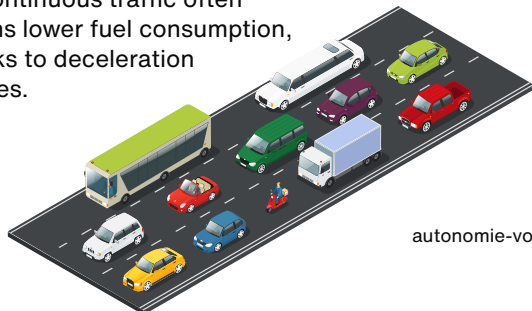
Climbs are energy consuming, but energy recovery on the way down (with mode B) helps to limit additional consumption.



GOOD TO KNOW



Traffic jams do not affect the range of your electric vehicle. Discontinuous traffic often means lower fuel consumption, thanks to deceleration phases.



* Source: <https://izi-by-edf.fr/blog/autonomie-voiture-electrique-reduire-vitesse-autoroute/>

PARK IN THE RIGHT PLACE

DON'T CONFUSE A PARKING SPACE WITH A SPACE DEDICATED TO RECHARGING!

Only park in a charging bay when you are recharging your vehicle, and leave it as soon as the charge is complete to park in a conventional bay. Otherwise, it could cost you dearly:

- Under the French Highway Code*, you are liable to a **2nd class lump-sum fine of €35.**
- Billing can continue even when the charge is complete. You have to unplug your vehicle for it to really stop.

Finally, it's also a matter of courtesy to move your vehicle once you've finished charging ;-)



FREE PARKING IN PARIS!

If you plan to use your rental electric vehicle in the French capital, you can take advantage of free parking for 6 consecutive hours in the same space.

Most SIXT electric vehicles are registered with the Paris City Hall (don't hesitate to check with your departure office), which means you can take advantage of free parking.

Simply remember to affix a European parking disc to the windscreen to check the stopping time (supplied with the rent car).

* Article R417-10 of the French Highway Code

SIMPLIFY YOUR LIFE WHEN LEAVING AND RETURNING YOUR RENTAL VEHICLE

We record the charge level of your electric vehicle on departure and arrival. This level must be the same in both cases (or a maximum of 80% if the load level was >80% at the start)

TWO OPTIONS FOR RETURNING YOUR VEHICLE

These options are offered at the time of booking, to make your life easier when you return the vehicle.

1 I choose the Full Battery Package (only available in branches)

This package allows you to prepay for 80% battery charging at a price similar to that of public charging stations.

2 I choose the top-up service (only available online)

The SIXT agency will top up to 100% on your return. Missing kWh are charged at a similar rate to public charging stations.



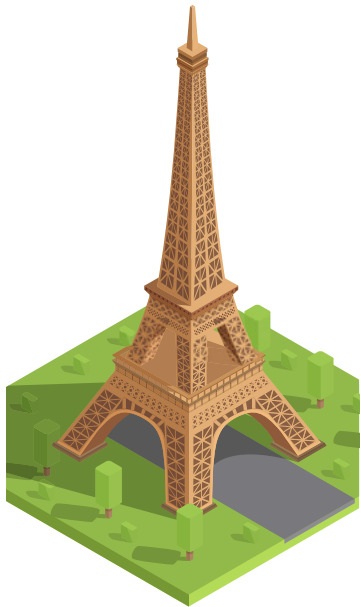
I DO NOT CHOOSE ANY SERVICE

No stress if you don't choose any option!

You will only be charged for the kWh needed to reach the initial load level (max. 80%). The applicable rates are similar to those for a high-power public charging station.

GOOD TO KNOW

For the first 2 options, the cost for a vehicle returned with a charge of around 30% will be between €10 and €25. Without the option, the rate will be slightly higher: between €15 and €30.





**RENT.SHARE.RIDE. SIXT+
ALL IN ONE APP.**

Download the SIXT app now.

NOW, YOU HAVE THE KEYS, LET'S MAKE YOUR ELECTRIC JOURNEY AN EXCITEMENT

**Any other questions?
Need more information?**

Our agents are available to answer your questions and simplify your electric vehicle journeys.

Visit your nearest SIXT branch or call

+33 (0)1 70 97 61 11
(toll-free)