RENAULT RAFALE E-TECH SELF-CHARGING FULL HYBRID

available in E-Tech self charging full hybrid 200hp

1 October 2026

aiming higher inspires reinvention

Designed to reinvent performance, Renault Rafale pays tribute to the brand's pioneering spirit - yesterday in the air with the Caudron-Renault Rafale, today on the road.
The same determination and boldness combined with the most advanced technologies: E-Tech Self Charging Full Hybrid 200hp engine, Solarbay® opacifying panoramic sunroof(1).

Technology, performance and agility co-exist for energetic driving pleasure.

E-tech self charging full hybrid 200hp engine

Solarbay® opacifying panoramic sunroof(1)

openR link multimedia system with Google built-in(2)

(1) on iconic esprit Alpine. (2) to download apps from Google Play, you must enter a Google account in your profile on openR link. Use of downloaded apps requires a dedicated data plan. You can share your smartphone's connection with your car. Google, Google Maps, Google News, Waze and other marks are trademarks of Google LLC. Data plan and connective services standard period with purchase of a vehicle may differ depending on when the vehicle was built, therefore, please refer to your local Retailer for full details.

Interactive menu

01. design

02. driving pleasure

03. on-board experience

04. multimedia

05. safety & security

06. customisation

PDF for download

PDF equipment and engines

PDF accessories

a bold vision of design

Inspired by the aviation industry, the design of Renault Rafale replicates the precision and fluidity of an aircraft's fuselage. With its sporty silhouette, sculpted lines, powerful light signature and floating rear spoiler, Renault Rafale redefines the word "bold".

The front grille comes to life in an array of diamonds to create a visual statement and graphic interactions. At the rear, the lines finish on a spoiler, while the specific 20" wheel rims express a distinctive design.

The sports seats[1] with side reinforcements help create a driving experience that combines comfort and support. Inserted in the backs of the front seats, the Alpine logo lights up in a heartbeat sequence as soon as the driver approaches the vehicle[1]. The upholstery is enhanced by blue, white and red top-stitching[1].

60% recycled Alcantara® upholstery[2]

(1) on esprit Alpine versions. (2) according to ISO standard 14021.

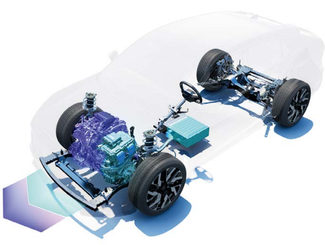
E-Tech self charging full hybrid 200hp

up to
680 miles
of range[1]

up to
58.9 mpg[2]

from
107 g/km
CO_2 emissions[3]

The E-Tech self charging full hybrid 200hp engine combines performance and efficiency. Start-ups are systematically electric, accelerations are sharp and dynamic. Silence, responsiveness, fluidity, whether you're driving in town or on the road.



E-Tech self charging full hybrid 200hp engine

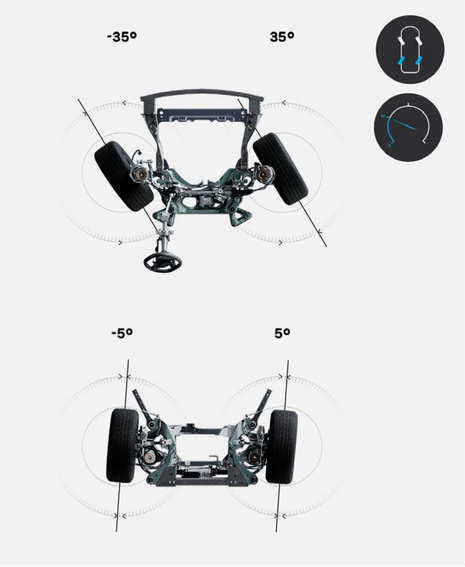
Enjoy hybrid driving with no need to plug your vehicle into a socket. With the ability to drive in electric mode without any noise, and automatically charge the battery when decelerating or braking.

	E-Tech self charging full hybrid 200hp
technology	1 traction battery + 1 electric engine + 1 internal combustion engine + automatic multimodal gearbox
combined maximum torque (Nm) (not cumulative)	205 + 205 N.m
battery capacity	1.7 kWh
fuel consumption[4]	up to 58.9 mpg
CO_2 emissions[4]	from 107 g/km
energy recovery via decelerating and braking	yes
management of the energy recovery	yes
electric assistance to the internal combustion engine	yes
acceleration	From 0 to 62 miles per hr in 8.9 seconds
rechargeable	no need to connect to a terminal. recharges when deceleration and braking

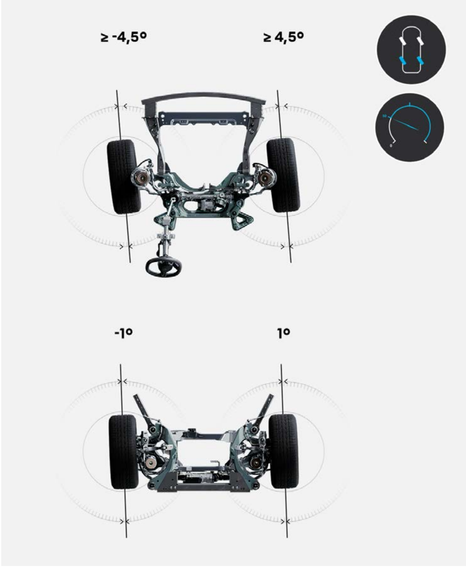
(1) up to 680 miles range with a full tank, according to WLTP data. WLTP figures shown for comparability purposes only. Actual real world driving results may vary depending on factors including the fullness of the tank, accessories fitted after registration, weather conditions, driving styles and vehicle load.
(2) according to WLTP data. (3) according to the WLTP protocol. (4) WLTP figures shown for comparability purposes only. Actual real world driving results may vary depending on factors including the starting charge of the battery, accessories fitted after registration, weather conditions, driving styles and vehicle load / source: internal Renault, 2024, techno esprit Alpine version.

The 4-wheel steering[1] makes trajectories clear, precise and safe. Curves and bends are perfectly controlled.

The turning circle of 10.4 m[2] is close to that of a city car.



up to 31 mph, the rear wheels turn in the opposite direction to the front wheels to reduce the turning circle and facilitate manoeuvring.



above 31 mph, the rear wheels turn in the same direction as the front wheels to improve road handling and safety.

(1) 4Control standard from techno esprit Alpine. (2) 10.4 turning circle for versions with 4Control.

innovative cockpit

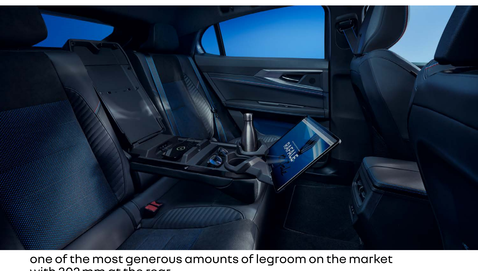
At the heart of a very bright passenger compartment, the ergonomic cockpit features the controls around the steering wheel. Oriented towards the driver, the 2x 12" of openR screens and 9.3" head-up display(1) provide a high-resolution digital on-board surface.

Alcantara® dash trim in UK

The solarbay® opacifying panoramic sunroof(2), measuring almost 1 m², can be activated manually or vocally with Google Assistant(3). With 4 different levels of opacification, it preserves light levels and thermal comfort on board in both summer and winter.

adjustable opacification with 4 modes (open/closed) and 2 zones (front/rear)

The ingenious(1) rear armrest is dedicated to multimedia activities with storage space for smartphones and tablets, 2 USB-C sockets and 2 fold-out supports for comfortable screen viewing.



one of the most generous amounts of legroom on the market with 302 mm at the rear

The boot is generous with up to 627 litres of loading volume(4), it can accommodate the luggage of all passengers.

(1) from iconic esprit Alpine. (2) on iconic esprit Alpine. (3) to download apps from Google Play, you must enter a Google account in your profile on openR link. Use of downloaded apps requires a dedicated data plan. You can share your smartphone's connection with your car. Google, Google Maps, Google News, Waze and other marks are trademarks of Google LLC. Data plan and connective services standard period with purchase of a vehicle may differ depending on when the vehicle was built, therefore, please refer to your local Retailer for full details. (4) including underfloor storage on full hybrid.

openR link multimedia system with Google[1] built-in

The 2x12" openR screens give access to the openR link multimedia system with Google[1] built-in. With over 100 apps via Google Play[1] and a wide range of connected services and content.

Alcantara dash trim in UK

Road works, changes to the direction of traffic... Google Maps[1] updates your journey and offers accurate navigation even if the network goes down.

Voice control: say "Hey Google..." and plan your journeys, adjust the temperature, change your driving mode and much more. The voice assistant is there for you.

Over 100 applications with exclusive content are available via Google Play[1], including Waze, SongPop for Renault, and Amazon Music.

Waze is a community-based navigation app that shares information in real time. Waze boosts your peace of mind.

Drive to the beat with our new musical game – **SongPop for Renault**! Play together and rediscover popular songs with your family and friends!

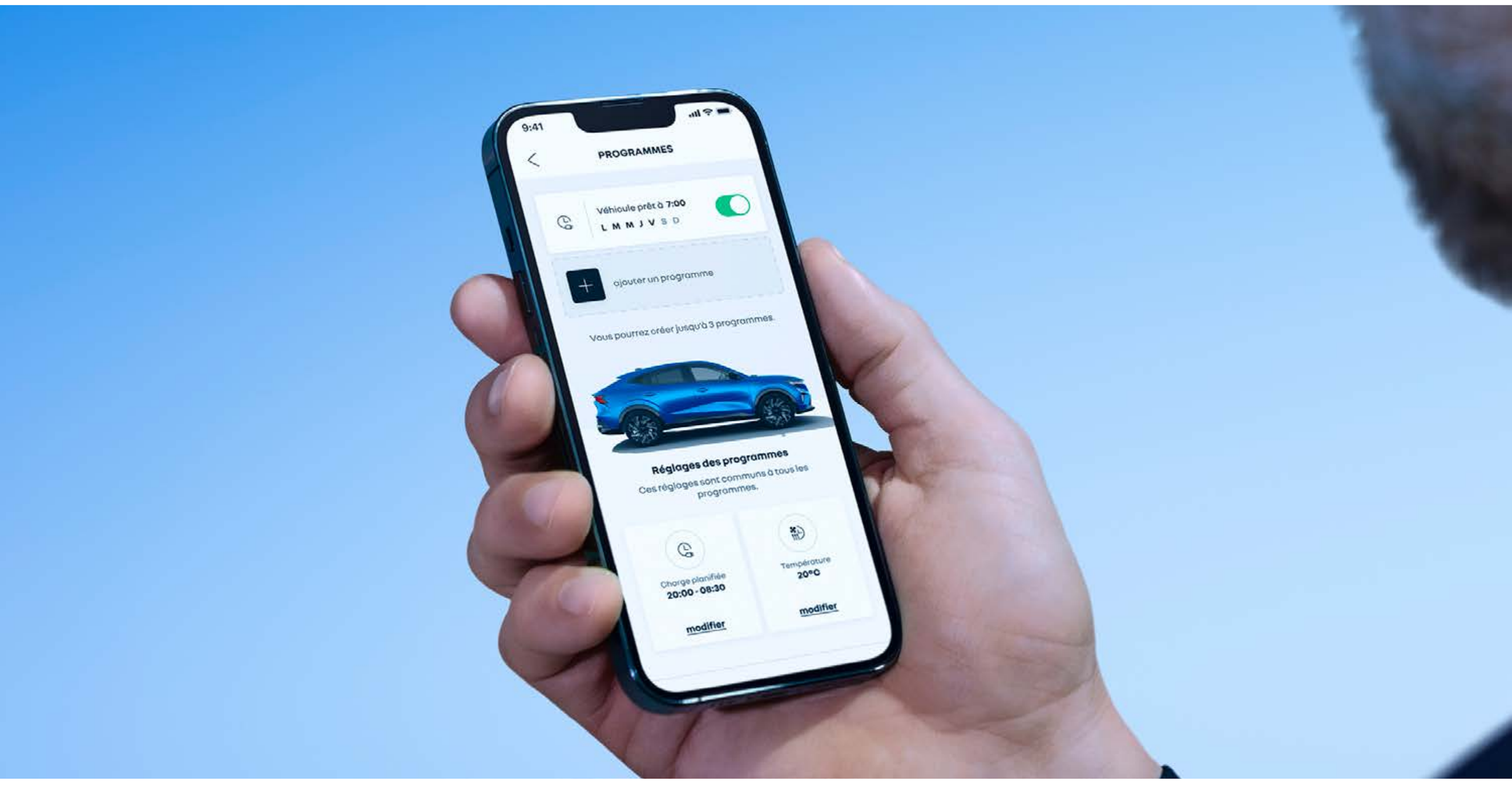
Take to the road while listening to playlists, and much more, with **Amazon Music**, included with your Amazon Prime subscription.

Use Spotify to listen to your favourite podcasts, playlists, and artists all simply using your Google voice activation.

Vivaldi browser is an efficient, fast web browser that respects your privacy.

Access all your favourite radio stations live, at any time, in France or abroad, with **Radioplayer for Renault**.

With the My Renault[1] app, interact remotely with your vehicle via your smartphone. Connected services, vehicle location, maintenance history, service reminders and workshop appointments: your Renault Rafale is always within reach.



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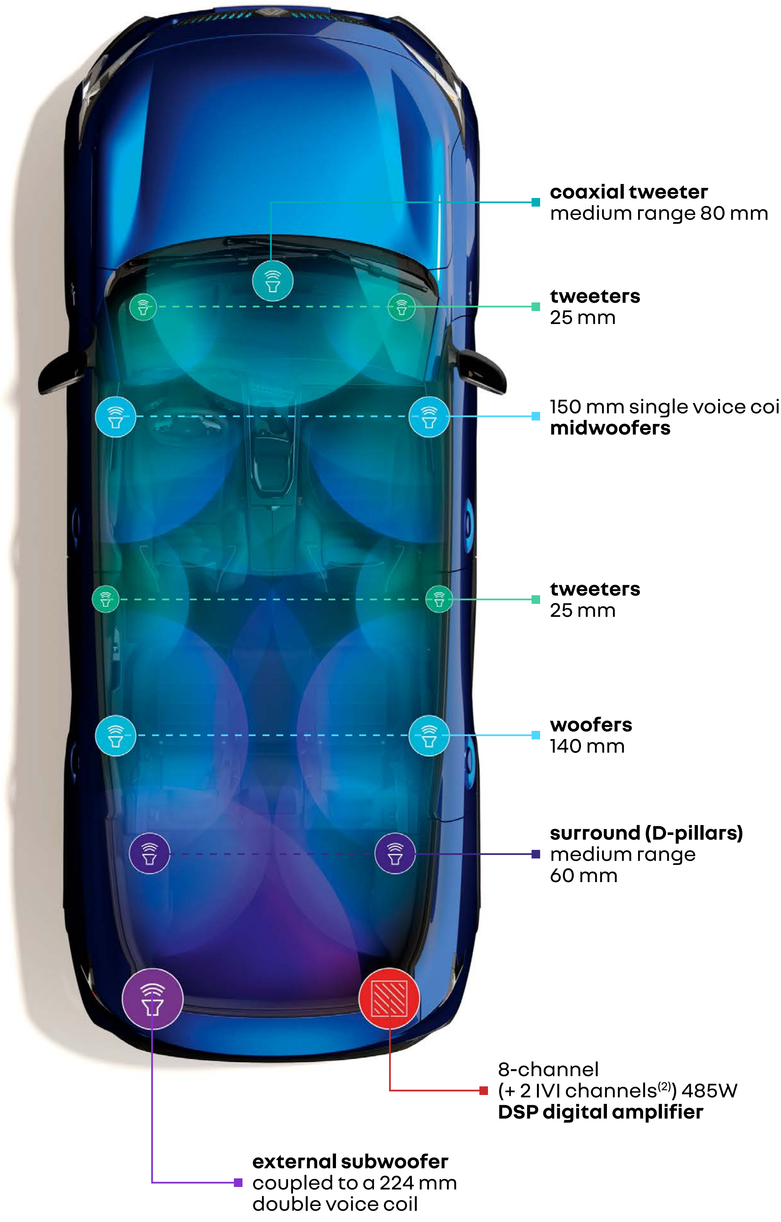
Harman Kardon® high-fidelity sound(1)

Perfectly sound-proofed thanks to the cocoon-effect technology developed by Renault, the passenger compartment makes it possible to make the most of the high-fidelity Harman Kardon® sound.
5 listening modes developed with Jean-Michel Jarre optimise the sound output according to the source chosen.



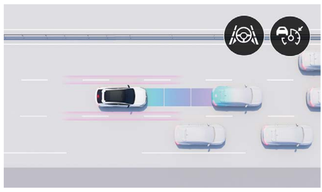
(1) on iconic esprit Alpine. (2) on-board Infotainment (IVI).

build yours →

menu ↑

human first program
safety by Renault

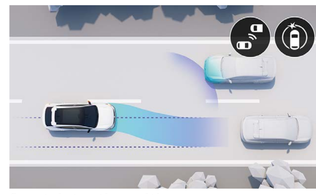
up to 33 advanced driver-assistance systems(1)



active driver assist with emergency stop assist [ESA] function
Brings the vehicle to a stop in case of an unresponsive driver. This system constantly monitors the driver's state. If the system detect an unresponsive driver, a series of warnings will occur to wake up the driver. If still no input is detected, it will slow down the vehicle until standstill on its own lane if it's possible.

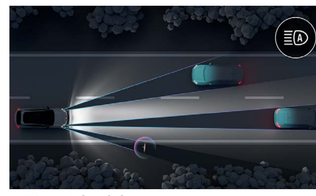
predictive hybrid driving
Your car anticipates thermal, hybrid or 100% electric driving, by continuously analysing your route to know when you will be crossing through a town or if you are likely to encounter a particular topography or a traffic jam. As a result, you improve the fuel consumption and performance of your vehicle.

360° around view 3D camera
The 4 cameras, whose images recreate the vehicle's direct environment 360° around it, allow you to perform your manoeuvres effortlessly.



front detection with emergency trajectory correction
The system warns you of a potential collision with an overtaking vehicle in the adjacent lane. If a collision is likely, it performs an automatic emergency trajectory correction.

automatic emergency braking system inter-urban / urban / pedestrian / cyclist
It detects pedestrians coming from the front or side and stops the vehicle in the event of danger. Driving around town has never been safer, day or night.



LED matrix vision
The system automatically adjusts the light beam shape to the traffic and weather conditions to avoid glare and optimise night vision.

driver assistance
- cruise control
- adaptive cruise control
- speed limiter
- active driver assist: intelligent contextual adaptive cruise control + lane centering(2)
- accelerator pedal off warning + predictive eco driving advice
- distance warning alert
- active driver assist with emergency stop assist [ESA] function
- predictive hybrid driving
- hill start assist
- paddle shift levers for regenerative braking
- 9.3'' head up display
- rear cross traffic alert
- traffic sign recognition
- traffic sign recognition with speed alert
- Eco mode function
- 4Control advanced
- multisense smart mode
- automatic windscreen wipers with rain sensor & sensitivity setting

parking assistance
- rear park assist
- front park assist
- side park assist
- hands free parking
- rear view camera
- 360 around view 3D camera

safety assistance
- face ID
- rear automatic emergency braking
- driver attention alert: with interior A-pillar camera for driver drowsiness warning
- blind spot warning
- automatic emergency braking system (city/suburban/pedestrian/cyclist)
- automatic emergency braking system with intersection function
- lane depature warning
- lane change warning
- lane keeping assist
- emergency lane keep assist including oncoming traffic & road edge
- occupant safe exit
- multi collision braking [MCB]

lighting
- LED matrix vision headlights
- adaptive vision LED headlights (with intergrated fog light function)
- auto low/high beam
- frameless auto-dimming rear view mirror with brightness adapt & rain sensor

(1) number of ADAS features is version dependant. Please see full equipment list for details by version. Always follow road safety regulations. It is your responsibility to stay alert, drive safely and be in control of the vehicle at all times. You should not solely rely on driver convenience and assistance features. Some features may not work in all conditions and circumstances, and they have speed and other limitations.
(2) for 3 years (or the duration of your Mobilize Financial Services contract, excluding Hire Purchase).

colours

diamond black (mp)

shadow grey (mp)

satin shadow grey (s)

arctic white (mp)

summit blue(1) (mp)

s: satin.
mp: metallic paint.
non-contractual photos presented with black roof option.
body colour roof on techno.
(1) available on esprit Alpine.

build yours →

menu ↑

interior trims

techno

- adaptive cruise control
- front & rear park assist [front, rear & side parking sensors]
- rear-view camera
- heated electric folding wing mirrors
- 12.3" driver information display
- 12" openR link screen with built-in Google(1)
- Arkamys 6-speaker audio with DAB

techno esprit Alpine (in addition to techno)

- 4-wheel steering
- Alcantara® synthetic leather / fabric seats - quilted and perforated with blue back ground, and illuminated Alpine logo in front seats
- esprit alpine interior styling and heartbeat welcome sequence
- heated driver and passenger seats and steering wheel
- active driver assist: intelligent contextual adaptive cruise control + lane centering(2)

iconic esprit Alpine (in addition to techno esprit Alpine)

- hands-free parking
- heated windscreen
- matrix LED vision headlights
- 360 around view 3D camera and hands-free parking
- puddle lamps [logo illumination from door mirrors]
- heated electric folding wing mirrors with memory plus tilt when reversing
- solarbay panoramic sunroof [AmpliSky darkens each segment on demand (by Google voice demand or switch) sequential darkening of the nine segments across the glass surface]
- 12" openR link screen with 12 speaker premium Harman Kardon audio system and built-in Google(1)
- ingenious® rear armrest [with swivelling arms/fold-out stands for devices and charging ports]

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download the PDF (6 MB) of the trims and equipment

upholstery

mixed "refined" textile upholstery in light grey fabric with embossed pattern(1)

recycled Alcantara® upholstery with perforations on a blue background/fine grain "refined" textile with blue-white-red top-stitching(2)

wheels

20'' sonic black diamond-cut alloy wheel rims(1)

20" castellet black diamond-cut alloy wheels with smoked varnish(2)

(1) on techno. (2) on esprit Alpine versions.

build yours →

menu ↑

accessories

premium sidesteps
Enhancing the sporty style with its rounded edges and original motifs, they blend in perfectly with the vehicle's design. A functional accessory that makes it easier to access the roof and protect the bodywork from everyday impacts.

style pack
Black boot spoiler and underbody welcome light.

premium Alpine mats
espirit Alpine mats.

towbars
Fully electric, removable and swan neck towbars available.

spare wheel kit
Spare wheel kit and kit bag.

dash cam pack

Front and rear dashcam

exterior colour pack pearly satin white
Mirror shells pearl satin white, front bumber skid - pearl satin white, rear bumber skid - pearl satin white

exterior colour pack summit blue
Mirror shells pearl summit blue, front bumber skid - summit blue, rear bumber skid - summit blue

download the accessories brochure pdf (6 MB)

build yours →

menu ↑

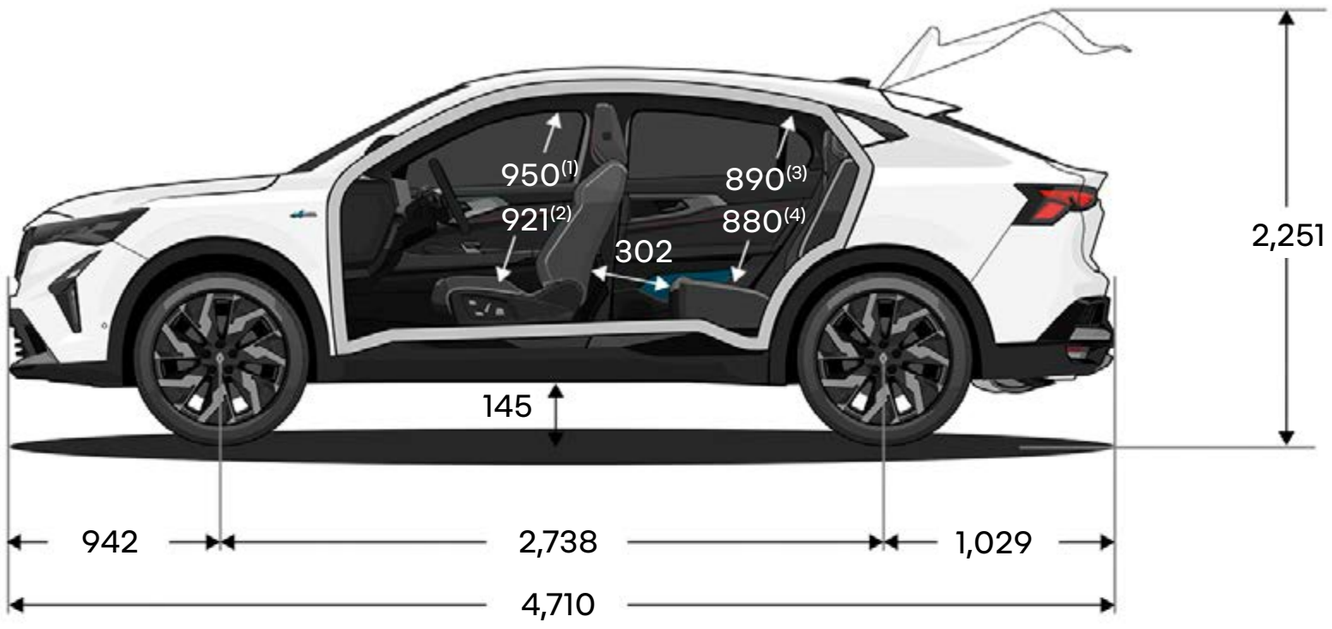
E-Tech

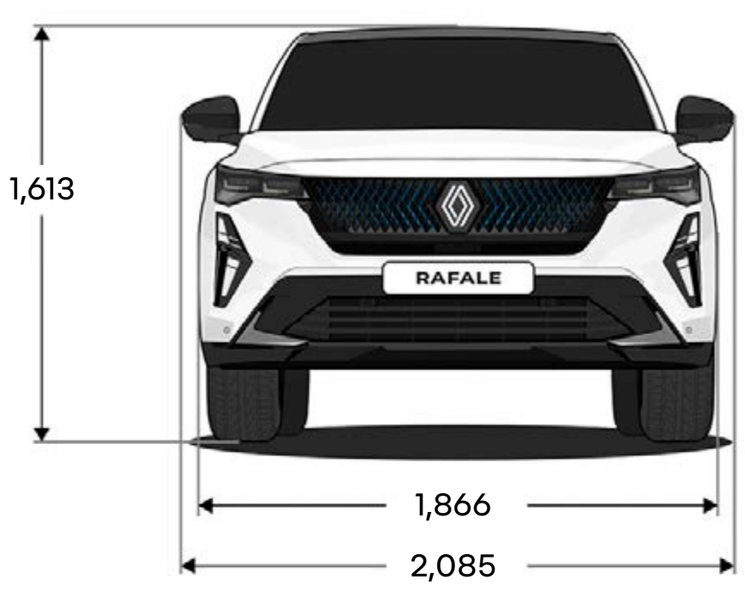
E-Tech self charging full hybrid 200hp
energy
electric + unleaded petrol (E10)
combined max. power kW EEC (hp) at engine speed of (rpm)
147 (200hp) at 4,500 rpm
combined max. torque (Nm EEC) at engine speed of (rpm)
205 + 205 (not cumulative) at 1,750 rpm
driving range(1)
up to 680 miles of range
performance
top speed (mph)(2)
111
0 - 62 mph (s)
8.9
consumption and emissions(3) WLTP
CO_2 (g/km)
from 107 to 109
consumption over a combined cycle (mpg)
up to 58.9
volumes and weights
fuel tank (litres)
55 (58 including 3 litres of reserve)

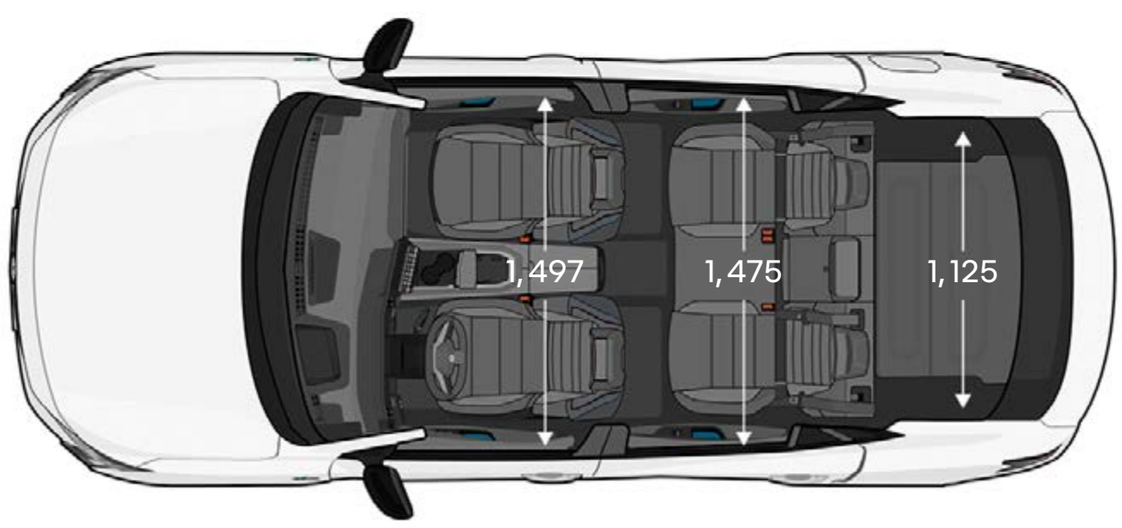
(1) with a full tank of petrol according to WLTP data. WLTP figures shown for comparability purposes only. Actual real world driving results may vary depending on factors including the fullness of the tank, starting charge of the battery, accessories fitted after registration, weather conditions, driving styles and vehicle load. (2) electronically locked speed. (3) fuel consumption and CO_2 emissions are certified using a standard, regulatory method. Identical for all manufacturers and allows vehicles to be compared to one another.

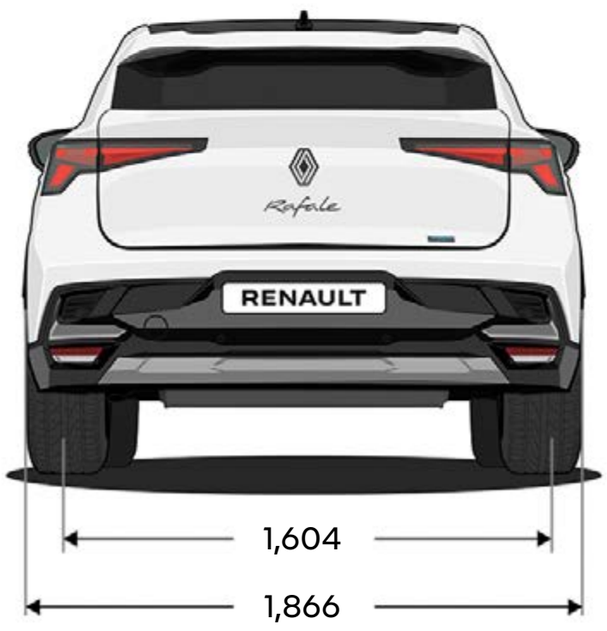
download the engines pdf (6 MB)

dimensions and volumes









boot volume (in litres)	E-Tech self charging full hybrid 200hp
minimum boot volume	627(5)
maximum boot volume (with seats folded down)	1,914(5)
volume under false floor	88

dimensions in (mm).
(1) headroom in 1st row with solarbay®. (2) headroom in 1st row without solarbay®. (3) headroom in 2nd row with solarbay®. (4) headroom in 2nd row without solarbay®. (5) including under floor storage.

human first program
safety by Renault

the human first program is a comprehensive safety programme developed by Renault in collaboration with researchers, experts and the fire service.

because road safety concerns all road users, whether they are pedestrians, cyclists, motorists, the human first program by Renault is committed to:

1. **prevent accidents by developing safety equipment and advanced driver-assistance and safety systems**

   up to 33 advanced driver-assistance systems/more than 60 safety features, up to 7 airbags, child seats (Isofix), Renault Fixe4sure solution / more than 2,000 safety-related patents filed since 1970

2. **manage accidents once they have happened by drawing on innovations developed in collaboration with firefighters**

   QRescue / Fireman Access / more than 5,000 firefighters trained over 10 years in 19 countries worldwide / around 400 cars donated per year for their training

3. **reduce the number of accidents and their severity by investing massively in R&D**

   safety score / connected services / big data / artificial intelligence and cybersecurity systems

learn more about the human first programme

Renault care service

Replace what is necessary, at the right time. Thanks to its connected and predictive maintenance features, it is easy to service your Renault Rafale E-Tech. And thanks to the My Renault application, quotes, online appointments and even service history are at your fingertips.

find out more about Renault care service

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Renault recommends Castrol

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