

V O L V O

C 40

RECHARGE

100% ELECTRIC. 100% STYLISH.



The born electric Volvo C40 Recharge marks the beginning of a new era of electrification by Volvo Cars, providing our customers with the latest technology, unparalleled connectivity and progressive design.



BORN ELECTRIC

The C40 Recharge is powered by a 78 kW lithium-ion battery that offers a range of upto 530 km* (based on WLTP)

- Total horsepower of 408 hp
- Instant torque of 660 Nm
- 11 kW Onboard charger
- 0-100 km in 4.7 sec



*The figures are based on WLTP data obtained under specific testing conditions for C40 Recharge. The ICAT tested range is 683 km under specific testing conditions for C40 Recharge. The real-life driving range and energy consumption achieved under real conditions varies depending on driving behaviour and other external factors.

THIS IS THE NEW C40 RECHARGE

In the next step towards our sustainability goal, we bring to you the new C40 Recharge. A bold progression of the compact SUV line-up built on the CMA platform (Compact Modular Architecture), the C40 Recharge has all the benefits of an SUV but with a sleeker design.

It's also our first car that only comes with a fully-electric powertrain, and the first where all interiors are 100% leather-free.

The C40 Recharge is a car that really stands out in our range with edgy design, electrification and latest tech. It's a true Recharge car, designed to provide a new sustainable mobility experience, and our latest manifestation to a zero emission future.



EXTERIOR STYLING

A NEW SILHOUETTE

Our new C40 Recharge, is a new silhouette. Driven by passion rather than rationality. Mixing design codes and different body types, the C40 Recharge brings the best of Volvo with an edgy design where self-expression and emotions have been prioritized, in an electric world.

A bold athletic stance that's reinforced by the slimmed roof line, the black roof and the large crafted wheels. Distinctive LED front and rear light design gives a hi-tech touch and adds to a strong expression, just as the aero optimised rear spoilers and covered front grille. Contrasting glossy black design details give an active, contemporary look and hint about advanced technology and electric power.



Slimmed Roof Line

The slimmed crossover side profile brings a new silhouette to the Volvo car range, the promise of a car driven by passion rather than rationality.

Contrasting Black Roof

The black roof is a contrasting signature design element of the C40 Recharge that further enhances the car's dynamic and edgy design.





LARGE AERO WHEELS

The 48.26 cms (19 inch) big five-spoke diamond-cut alloy wheels with contrasting surfaces of raw, polished aluminium and high-gloss black paint perfectly complement the bold and edgy character of the C40 Recharge. Aerodynamic design helps contribute to higher energy efficiency and longer range.

COLOUR - COORDINATED COVERED FRONT GRILLE

Unique covered body-coloured grille frame to create a distinct, visual update of the front, reflecting the reduced need for cooling from air flow.



STRONG DESIGN FEATURES

- Clearly distinguishes the C40 Recharge as a fully-electric car, in a sporty and contemporary way.
- Neatly packages the sensors for the Advanced Driver Assist Systems sensor platform.

AERO OPTIMISED SPOILERS

Low air resistance is an important factor for achieving long range with an electric car. The streamlined crossover design of the C40 Recharge improves the car's aerodynamic properties. And to further reduce drag, we added two spoilers at the rear of the car - one at the roof and one at the tailgate.

The lower tailgate spoiler also helps improve driving stability at higher speeds by increasing downforce. These spoilers also add to the dynamic Crossover design expression.



STRONG DESIGN FEATURES

- Reduced air resistance.
- Improved high-speed stability.
- Bold, dynamic exterior design.

PIXEL TECHNOLOGY HEADLIGHTS

The efficient and space-saving LED technology has opened up new possibilities for car design. It allows for superior vision when driving in the dark.

Each headlight unit contains 84 pixel LEDs, which automatically adjust to light conditions. Controlled by a front-mounted camera, each LED switches on and off independently to optimise the light pattern without dazzling other drivers.



STRONG DESIGN FEATURES

- Wide and long light pattern for optimised vision in all conditions.
- Increased comfort by not having to manually shift between full and low beam.
- Enhanced vision through curves.
- A welcoming feel when unlocking the car.
- Cornering fog lamps facilitates low-speed manoeuvring by illuminating the area close to the car in the steering direction.

PANORAMIC ROOF, FIXED

With the large, fixed panoramic glass roof we provide a spacious and airy feel inside the car for everyone to enjoy, wherever they're seated. High-tech dark tinted glass with IR coating minimises glare and gives effective UV protection-the light transmission is as low as 6.5% and UV radiation is max 0.5%.



INTERIOR STYLING

TOPOGRAPHY TRANSLUCENT DÉCOR

Inspired by the topography of the scenic mountain district Abisko in northern Sweden, this unique translucent, back-lit three-dimensional decor creates a sensory interior light experience, with the light as a distinctive design element. This decor is a Volvo world-first that redefines interior design by adding a new dimension.

The decor is built up in three layers-a bottom reflective layer, a transparent light-transmitting acrylic mid layer and a finely grained matt front deco layer in polycarbonate-plus energy efficient LED lamps.



BENEFITS

- Creates an exclusive, sensory interior experience.
- Does not disturb the night vision.

100% LEATHER-FREE INTERIORS

An important step in the direction of a more responsible luxury, the C40 Recharge is our leather-free car. Instead of offering leather as the top interior choice, we will offer premium leather-free options as responsible alternatives for conscious and caring consumers. This means that no leather details are used for any interior components. Instead, we use non-leather materials-in some cases partly recycled that gives a premium experience without compromising on durability and maintenance.



CONVENIENT ENTRY AND START (NO START/STOP BUTTON)

Volvo Cars aims to provide an outstanding user centric experience.

The driver shall not need to push buttons and adjust seat, mirrors, steering wheel etc. instead, the car shall "know" the driver and adapt seamlessly. With the C40, Volvo Cars takes a big step forward with the introduction of Convenient Entry and Start. As long as the driver carries their key fob, the car adapts automatically when the driver approaches the car, opens the door, sits down in the driver seat, engages drive/reverse and leaves the car.



ALUMINIUM TREAD PLATES

Engraved "Recharge" aluminium tread plates are fitted in the front door openings.



BENEFITS

- A premium and welcoming feeling as soon as one of the front doors are opened.
- A subtle reminder that you are entering a pure electric Volvo.

INFOTAINMENT AND CONNECTIVITY

HARMAN KARDON PREMIUM SOUND

This is our top-of-the-range audio system in the C40. It is designed together with world renowned audio manufacturer Harman Kardon. The total output is 600 watts. It offers an extra-ordinary sound quality, delivered through thirteen speakers. The Harman Kardon Premium Sound audio system includes our unique air-ventilated subwoofer. One of them is our patented woofer with air woofer technology and the other is a full-range speaker mounted just under the windscreen.



BENEFITS

- Extraordinary high sound quality, partly thanks to the unique centrally-mounted air woofer and the unique air-ventilated subwoofer.
- Particularly good surround sound experience thanks to all speakers, including two in each rear door and two in the rear part of the roof.

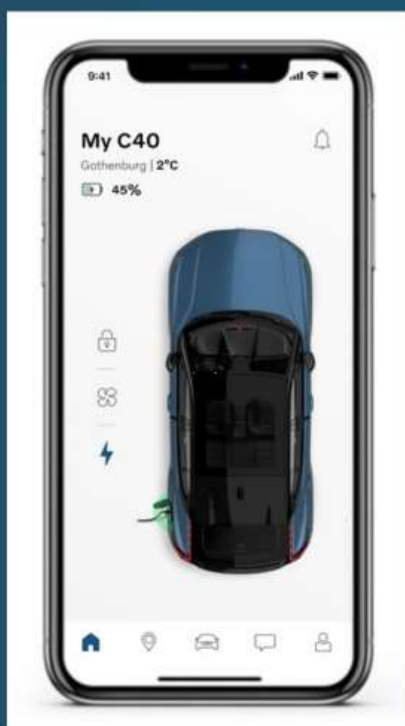
INTERIOR CLIMATE PRECONDITIONING

When the car is parked, parking climate can be directly activated from the mobile phone using the Volvo Cars app from anywhere in the world.



BENEFITS

- Pre-climatization also when the car is not being charged enhances the availability of a comfortably climatized cabin before departure.
- Pre-climatization performed during charging enhances the actual range of the car.
- Operation via the Volvo Cars app gives convenient control from the comfort of your home.



CHARGING LEVEL

The actual charging level is clearly shown in the Volvo Cars app. Here the driver can also see the estimated time when the battery is fully charged at the level set by the driver.

OVER THE AIR UPDATES (OTA) CONTINUOUS UPDATES OF THE CAR'S FEATURES AND FUNCTIONS

OTA, software Over The Air update, means all programmable software in the car's computer ECUs (not apps or maps) are updated via the cloud. This makes it easy to after-install new software related features for the best function and performance over time. This also means the driver doesn't have to visit a workshop to ensure that the car is always updated with the latest software. The software updates are distributed on a regular basis from Volvo Software Configuration Systems via the cloud to the car.



BENEFITS

- The car is always updated with the latest software and systems. It keeps improving over time.
- Always the safest and most comfortable driving experience.
- Easy to add new software-based functions and features.
- All updates of existing software are free of charge.

THE VOLVO CARS APP-CONNECTED TECHNOLOGY THAT MAKES LIFE EASIER

The new Volvo Cars app allows remote control of many of the car's functions such as locking/unlocking, preconditioning and find car.

With the launch of the pure electric C40, the app gives further functionalities for a convenient, electric mobility experience.



LOAD AND VERSATILITY



SPLIT FOLDING REAR BACKREST

The rear backrest is folding and split in the proportions 60/40. Either part of the backrest can be individually folded via a release handle on top of the backrest. When the backrest is released a red warning knob pops up.

Storage Rear (413 L), Front (31 L)

BENEFITS

- Easy to fold the backrests.
- The red warning lessens the risk that the backrest is left unsecured.
- Also comes with front storage.

DRIVER ASSISTANCE

Our supportive Driver assistance technology allows smooth, intuitive driving from standstill up to motorway speeds. This means the car automatically helps the driver to maintain a safe distance from the car in front by adapting the speed while helping to keep the car centred in the lane by automatically making small steering adjustments.

DRIVER ASSISTANCE INCLUDES THE FOLLOWING FEATURES:

- Pilot Assist
- Adaptive Cruise Control
- Emergency Stop Assist



DRIVER AWARENESS

These functions can support in heavy traffic and when reversing.

When a vehicle enters the blind spot or approaches fast from behind, BLIS (Blind Spot Information) can alert the driver via a light in the door mirrors. Should the driver nonetheless drift into the path of another vehicle, BLIS can help by steering back into the lane.

To help make parking safer, Cross Traffic Alert can alert on crossing traffic when reversing out of a parking space with limited rear visibility. It can even brake if there's a risk of collision.

BENEFITS

- Better control for safer lane changes
- Enhanced safety when reversing in areas with limited visibility
- Can help reduce the risk of being hit from behind.

ADVANCED DRIVER ASSIST SYSTEM SENSOR

- Collision avoidance and Mitigation by braking and steering
- Forward Collision Warning Lane Keeping Aid
 - Run-off Road Mitigation
 - Post Impact Braking
 - Driver Alert Control
 - Cruise Control
 - Speed Limiter

NEW ADAS SYSTEM



BATTERY SAFETY CAGE

The large, high-voltage battery is safely embedded in the middle of the car's body structure. In the event of a collision, this helps keep it out of harm's way and to help provide additional protection, we've created a unique safety cage for it.



BENEFITS

- The high-voltage battery is efficiently protected in different types of collisions to help avoid harmful leakage during and after a collision.

SHIFT-BY-WIRE SINGLE SPEED TRANSMISSION

The two electric motors of the C40 Recharge Twin drive the front and rear wheels through a single speed transmission. There are no gear changes, just Drive, Neutral and Reverse. The Parking mode is operated via a button beside the gear shifter. Shift-by-wire technology means that the connection between the gear shifter and automatic gearbox is completely electronic, instead of mechanical, making it easier to operate the gear shifter.

BENEFITS

- No gear changes gives a smooth, seamless flow of power that adds to a very comfortable and controlled driving experience.
- Easily operated gear shifter with one single movement.

ONE PEDAL DRIVE (REGENERATIVE BRAKING)

- Just by lifting the pedal, the driver can slow the car all the way to a standstill without having to use the brake pedal when “ON”.
- “OFF” means less regeneration is performed when lifting the accelerator.

HOLD AND AUTO HOLD

- When at an incline, the autohold function applies automatically.
- This can be activated manually by using the brake pedal or P-button.



11 KW ON BOARD CHARGER (OBC)

The battery current is DC, but the household current is AC. Therefore, the car uses a powerful 11kW onboard charger (OBC) that transforms AC current to DC. Alternatively, the battery can be charged directly with DC current at specific fast-charging stations. Then the car's onboard chargers are bypassed and the charging station's own DC charger is used.

BENEFITS

- A powerful on board charger allows shorter charging times.



BATTERY CHARGING

**11 KW AC: 50-60 KM RANGE/HOUR
(FROM 0% TO 100% IN AROUND 8 HOURS)**

**150 KW DC: 80-100KM RANGE / 10 MIN
(FROM 10% TO 80% IN UNDER 30 MIN)**

C40 RECHARGE COLOUR RANGE



CRYSTAL WHITE



ONYX BLACK



FUSION RED



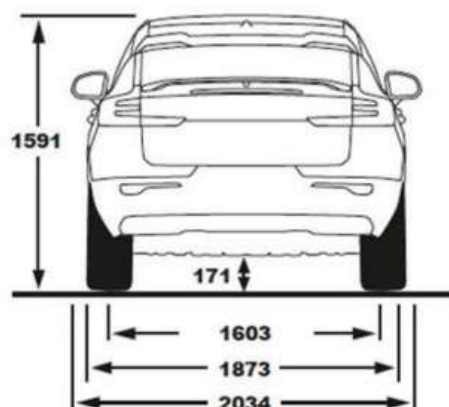
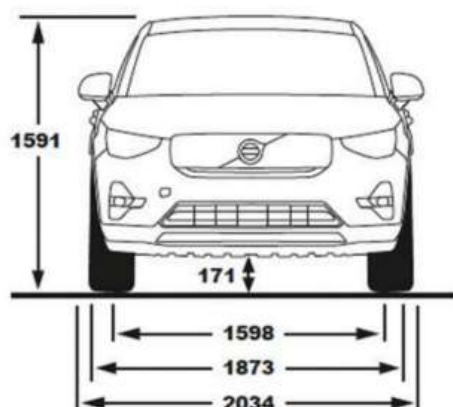
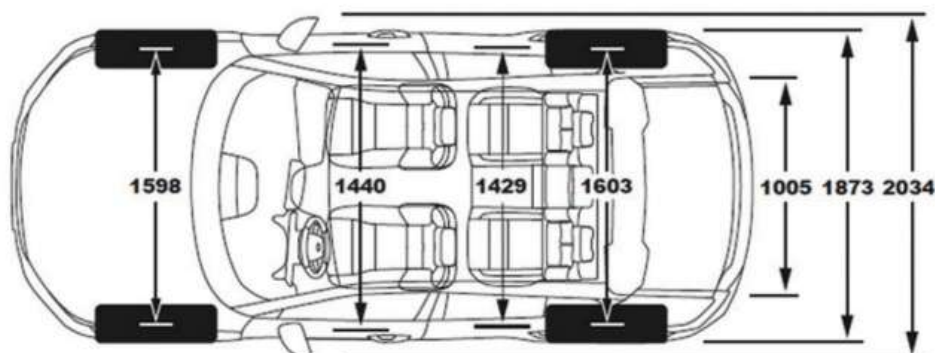
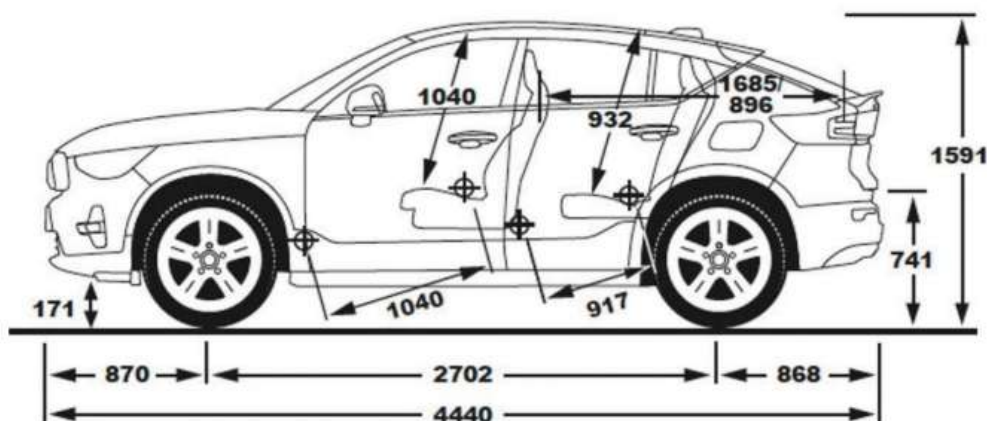
CLOUD BLUE



SAGE GREEN



FJORD BLUE



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V O L V O

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