

V O L V O

EC 40

PURE ELECTRIC





— **INTUITIVE. VERSATILE.**  
**AN SUV DESIGNED FOR LIVING LIFE TO THE FULLEST.** —

Created to inspire peace of mind on a busy day, the Volvo EC40 takes the pure-electric experience to a whole new level. The Sand Dune colour adds visual drama to every turn.

Each one of us plays a part, no matter how small, in preserving the beauty of the world we live in and the Volvo EC40 is made for every one of you.

Each time you go for a drive in this car, remember that you're also healing the planet.



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# PIXEL LED HEADLIGHTS

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The EC40 introduces advanced Pixel Technology, an innovation that adapts headlamp light to reduce the risk of dazzling oncoming traffic.

# FRONT GRILLE

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A unique covered grille with a body-coloured border and insert, for a distinct front.

This design is possible because an electric car doesn't need as much air flow for cooling as a car with an internal combustion engine.

The covered grille together with the grille shutters helps lower the air resistance for longer range.





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# WHEELS

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A sporty, aerodynamically designed alloy wheel is available for the EC40. Aerodynamic design helps lower air resistance.

48.26 cm (19") 5 spoke Black Diamond-cut alloy wheel enhances the car's sporty character and distinct road presence.



# CONTRASTING BLACK ROOF

These design elements clearly distinguish the EC40 as an electrified, chargeable car.

The black roof, with its contrasting signature design element, further enhances the car's dynamic design.



# REAR DIFFUSER

The rear bumper with a high gloss black diffuser, in a clean uncluttered design, connects to the sporty design expression.



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# INTERIOR DESIGN

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The charcoal interior along with the charcoal headliner and backlight topography décor inlays, put the driver at the centre of action.

The sporty seats are made of Charcoal Connect Suede textile. The carpets are made of recycled materials and are a part of the sustainable product offer.



# HARMAN KARDON PREMIUM SOUND

The EC40 is equipped with high-definition Harman Kardon Premium Sound.

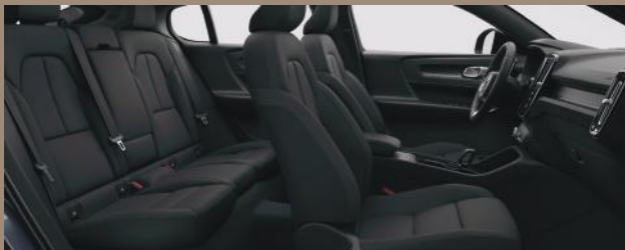
With a 600W digital amplifier and 13 high-fidelity speakers, including a subwoofer, it delivers finely tuned surround sound, ensuring immersive listening without compromising on quality.

# LEATHER-FREE

This upholstery features Suede textile seat panels with contrasting Charcoal Connect Suede textile bolsters and inserts for a sportier look and feel.

Suede textile has excellent grip and natural ventilation, it's perfect for everyday life.

All the upholstery is leather-free to ensure that every detail of the car is true to our sustainable vision.



# ALUMINIUM TREAD PLATES

Engraved "EC40" aluminium tread plates are fitted in the front door openings.



# TAILORED SPORT STEERING WHEEL

This leather-free three-spoke sport steering wheel is hand stitched and wrapped in a synthetic material with a luxurious touch. A stylish satin silk trim, glossy black decor and colour-coordinated stitching add to the finely crafted feel.





# INFOTAINMENT AND CONNECTIVITY

A car that connects with people's lives with a new infotainment & connectivity experience.

## **BENEFITS:**

- Google\* integrated and Android powered infotainment system with Google Services\*
- Command Google assistant with "Hey Google"
- Google Maps\* navigation seamlessly embedded in the car interface
- Over-the-air in-car software updates
- Convenient Entry & Start
- Volvo Cars app services connected



# NEW GENERATION 31.24 CM (12.3") DRIVER INFORMATION DISPLAY (DID)

- The 12.3" driver information display keeps the driver updated with all the essential driver information
- It has an entirely new user interface and new functionalities that put the driver even more in focus
- Evolved layout and crisper high-resolution graphics for a modern intuitive appearance
- Regeneration, power capacity and energy levels are shown in real time
- Two driver display modes showing different levels of information: Calm and Navi



# 22.86 CM (9") CENTRE DISPLAY WITH TOUCHSCREEN

- Volvo EC40 wants to make driving as intuitive and easy as possible
- Instead of overwhelming you with multiple physical buttons, Volvo Cars offers a single vertical 22.86 cm (9") center display with touch controls
- The display is developed together with Google

## **BENEFITS:**

- Google Maps helps with real-time traffic info
- Google Assistant voice control
- Glance View that allows the driver to quickly see the charging progress from outside the car



# 360° CAMERA

The EC40 takes parking assistance further with a 360° camera. Activating all parking cameras, it provides a comprehensive view of the car's surroundings on the central display, enhancing low-speed manoeuvring. Each camera view can be selected individually for precise control, either automatically or manually.



# VERSATILE STORAGE

The Volvo EC40 is practical and easy to load with lots of useful and clever storage solutions that make life easy.

# SPLIT FOLDING REAR BACKSEAT

- Foldable rear backrest and headrest that can split in the proportions of 60/40.
- Each part of the backrest can be individually folded via a release handle on the top of it.



# FLAT LOADING SURFACE

The rear backrest can be folded into a flat loading surface.





# AMPLE STORAGE COMPARTMENT

## **FOLDABLE/REMOVABLE LOAD FLOOR**

- There is a spacious storage compartment under the load compartment floor
- Practical for transporting shopping bags, without the risk of them falling over

## **FOLDABLE-DETACHABLE PARCEL SHELF**

- A foldable and detachable parcel shelf that covers the load compartment is standard
- Items in the load compartment are not visible from the outside



# FRONT LOAD

## COMPARTMENT “FRUNK”

- The frunk is a front load compartment, unique to the pure electric Volvo EC40
- Load space of 31 liters
- The main aim is to provide extra space for gear which you don't often use, such as charging cables, first-aid kit, etc.
- There's a distance of 150-200 mm between the hood and the upper part of the frunk, allowing pedestrian protection

## NEW ADAS SYSTEM



# ADVANCED DRIVER ASSIST SYSTEM SENSOR

## INCLUDES THE FOLLOWING FEATURES

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



# UPGRADED BODY STRUCTURE

- At the front, the car features redesigned and reinforced lower crash beams that mitigate collision forces
- In a frontal offset collision, a new innovative wedge design distributes the collision forces over a larger area to further help reduce the effects
- In a rear collision, the rear electric powertrain is integrated in the body structure to help distribute the collision forces away from the cabin and reduce the strain on the occupants

# PURE ELECTRIC

The smooth, powerful electric powertrain of the all-new EC40 is at the heart of its driving experience.

- Total horsepower of 408 hp
- Instant torque of 660 Nm
- 11 kW On Board charger

A large, state-of-the-art lithium-ion high-voltage battery provides a very low centre of gravity for high driving.



# 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





## SHIFT-BY-WIRE SINGLE SPEED TRANSMISSION

The two electric motors of the EC40 twin-drive, wheels through a single speed transmission. There are no gear changes, just Drive, Neutral and Reverse. 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.



# 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



## HOW TO CHARGE THE BATTERY

Charging is easy. The connector for AC and DC charging is located under a lid on the car's left rear side.

When charging via a wall-box or at a charging station, just plug the cable in the car's charging port and a light around the charging port will confirm charging is in progress, it will shift from a steady yellow to blinking green.

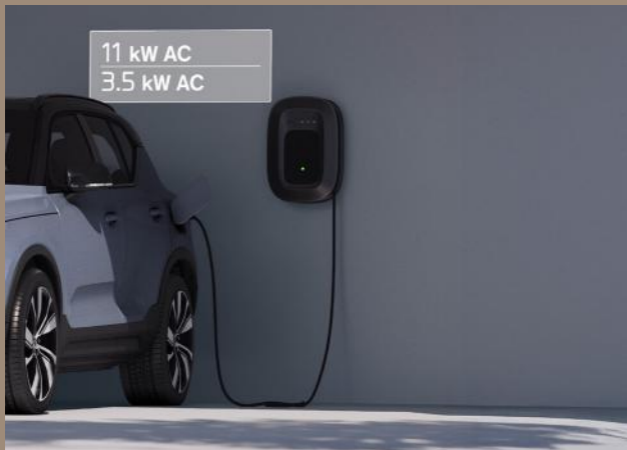
Charging time is dependent on many factors, from the electric setup at the charging station to the battery temperature to the charging levels of the car.

It takes around 28 minutes to fast charge from 10% to 80%\*.

\*\*Fast Charging DC upto 150 KW under optimal charging conditions. Charging times can vary and are dependent on factors such as outdoor temperature, current battery temperature, charging equipment, battery condition and car condition. Charging times and speed may vary with other charging options significantly-subject to conditions specified above.

# 11 KW ON BOARD CHARGER (OBC)

- The battery current is DC, but the household current is AC
- Therefore, the car uses a powerful 11 kW OBC that transforms AC to DC



## BATTERY CHARGING

- The battery can be charged using the car's 11 kW\*\*\* On Board charger via Mode 2 or Mode 3 cable for AC current 3-phase and using fast charged DC stations up to 150 kW
- The actual charging level is clearly shown in the driver's display and 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. This can also be seen from outside the car

# VOLVO EC40 COLOUR RANGE



CRYSTAL WHITE



FJORD BLUE



ONYX BLACK



SAGE GREEN



VAPOUR GREY

**V O L V O**

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All the information in this brochure is for MY24-25 Volvo EC40 Pure Electric Twin Motor. Specifications, features and colors shown here may not be part of standard equipment. Accessories and features may change from model to model. Shot outside India with a left-hand drive car. The model, equipment, and possible vehicle configurations illustrated in this brochure may not be offered in India. Volvo Auto India reserves the right to make changes without prior notice, in design, colours, materials, components, equipment, specifications, features, functions, make and models etc.