



NEXO





We have a passion for progress.

The “can-do” spirit is at the heart of Hyundai’s heritage. It’s the attitude of progressing, no matter what. From humble beginnings, this vision has driven us to seek new challenges, encapsulated since our founding in the name ‘Hyundai’ – meaning ‘modern times’.

It’s the persistent curiosity for what lies ahead. Of always chasing the next. What was once a man’s desire for better is today the ethos of an entire company. As our founder said: “How does one know it’s impossible if one hasn’t tried it?”

Progress doesn’t happen by chance. We’re always pushing the borders of the possible, building tomorrow’s technology today, and powering the future with an ever-evolving range of zero-emission engines, seamless in-car connectivity and more.

We’ve come a long way. And we won’t stop here. Next awaits.





Styled for the future.

NEXO's fluidic design reflects its ambitious nature. With streamlined curves and a futuristic profile, its style sets a benchmark for the future.



Auto Flush Door Handles



Rear Combination Lights - LED



Headlights - Full LED

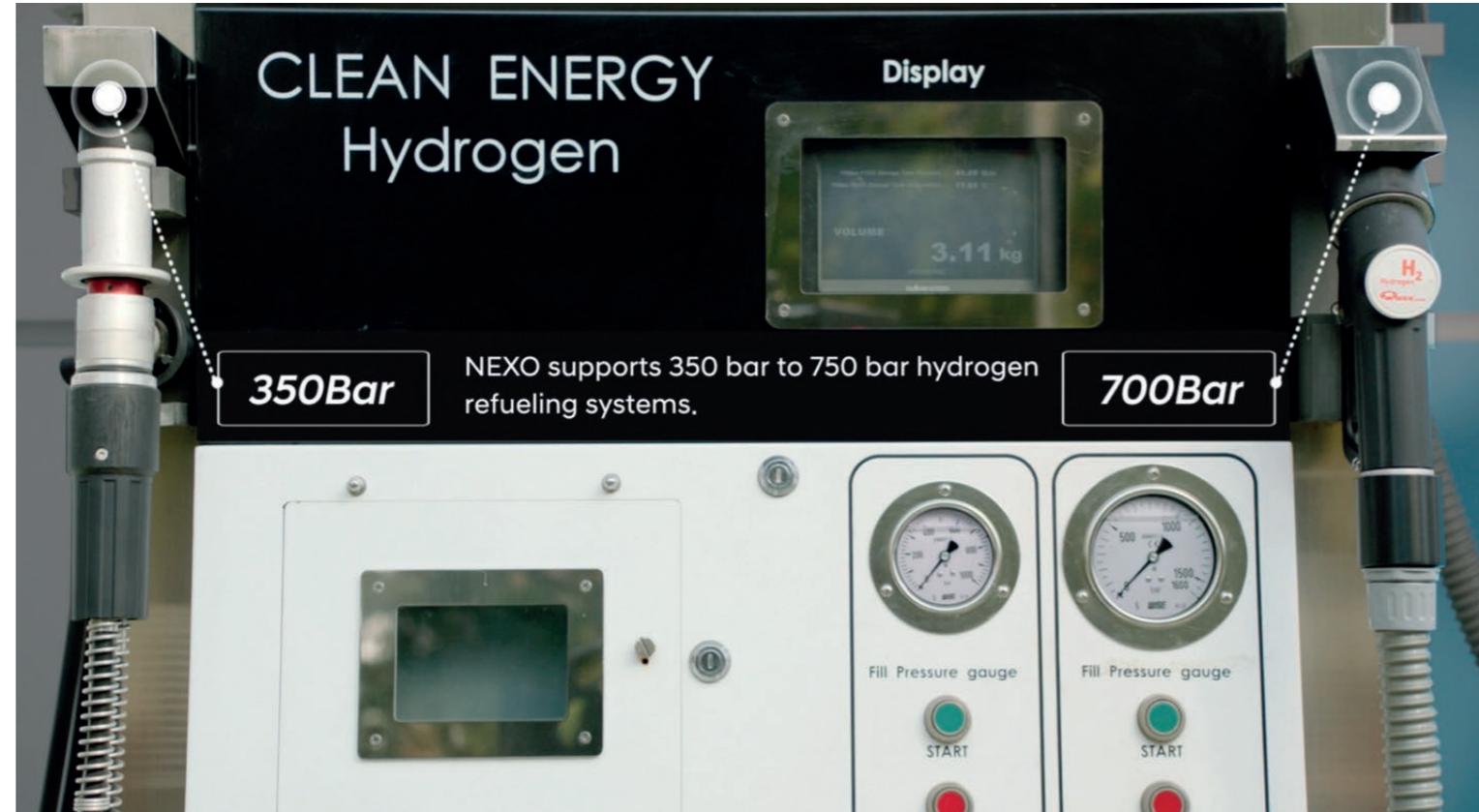


D-Pillar Air Tunnel

A cascading grille and daytime running lights make a powerful first impression, enhanced further by triangular headlamps which highlight its progressive character. A thin line of light runs along the top of the cascading grille, emphasising its elegant, horizontal front layout - inspired by the light above the horizon at dawn. Thoughtful detailing, including streamlined auto-flushed door handles that sink back into the car, give it a sense of flow from back to front. Its style is designed to complement its advanced technologies and innovative features. The NEXO manages to make a visual impact, without making an environmental one. It's ahead of its time in more ways than one.

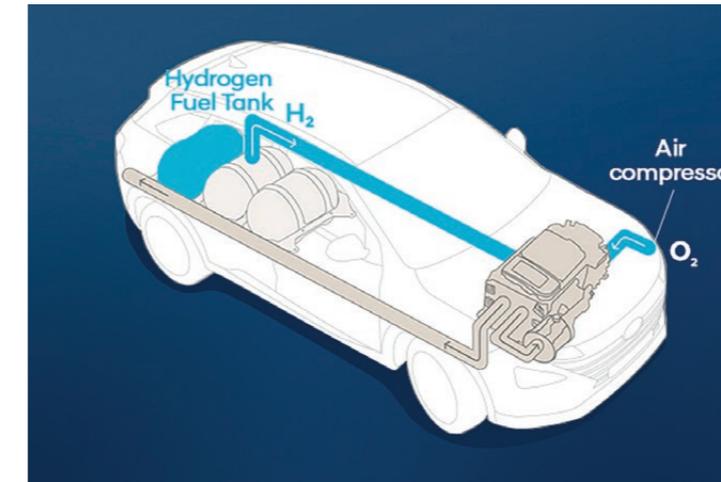
A true pioneer of its time.

We're committed to a cleaner tomorrow. Using intelligent and efficient hydrogen fuel cell technology, NEXO only emits pure water.

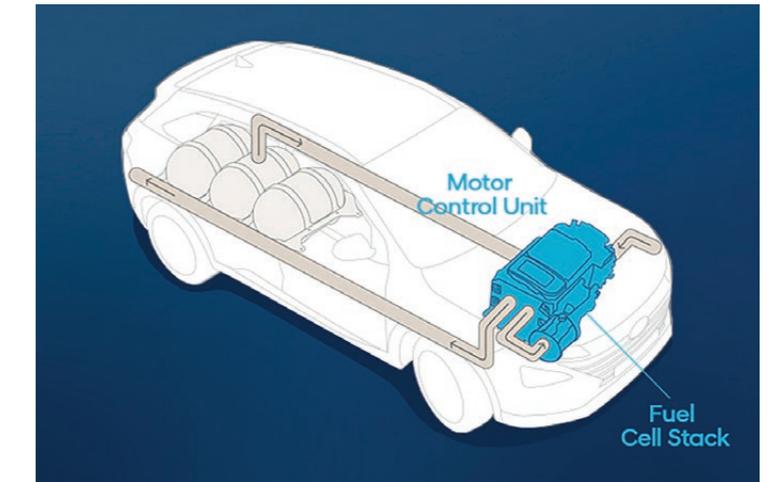


NEXO is a hydrogen fuel cell vehicle, making it first and foremost an electric vehicle. Refuelling is quick and easy. It only takes five minutes and provides you with an electric range of up to 413 miles (WLTP). It produces its own electricity in the fuel cell stack by mixing ambient air with compressed hydrogen stored in high pressured tanks. The process is very clean: not only does NEXO feature an efficient and durable air-filtering system that captures micro particulates, but the only by-product of the reaction is water. The result is better air quality and zero CO₂ emissions, making it one of the world's most advanced road vehicles. Welcome to the future of driving.

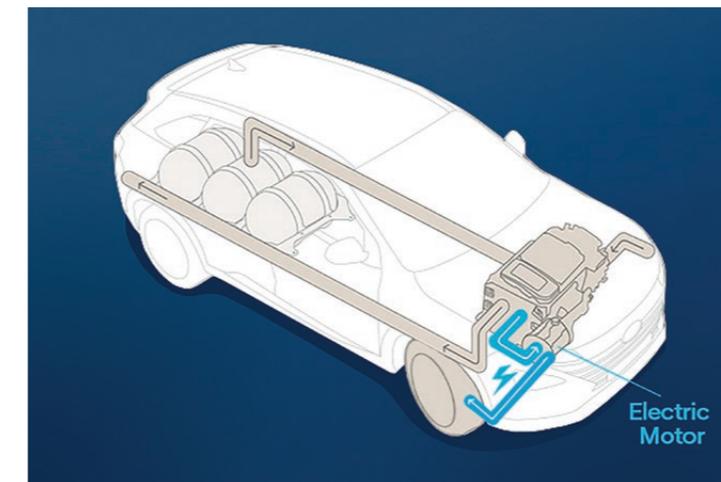
How does it work?



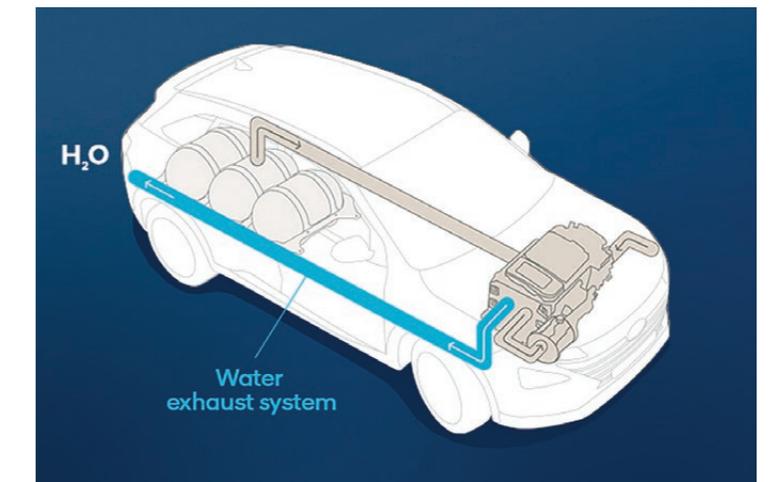
Hydrogen from the fuel tank is fed to the fuel cell stack, where it is mixed with clean, compressed air.



The Hydrogen reacts with Oxygen in the fuel cells, generating electricity and water.



The electricity is supplied to the electric motor and to the high voltage battery to power the vehicle.



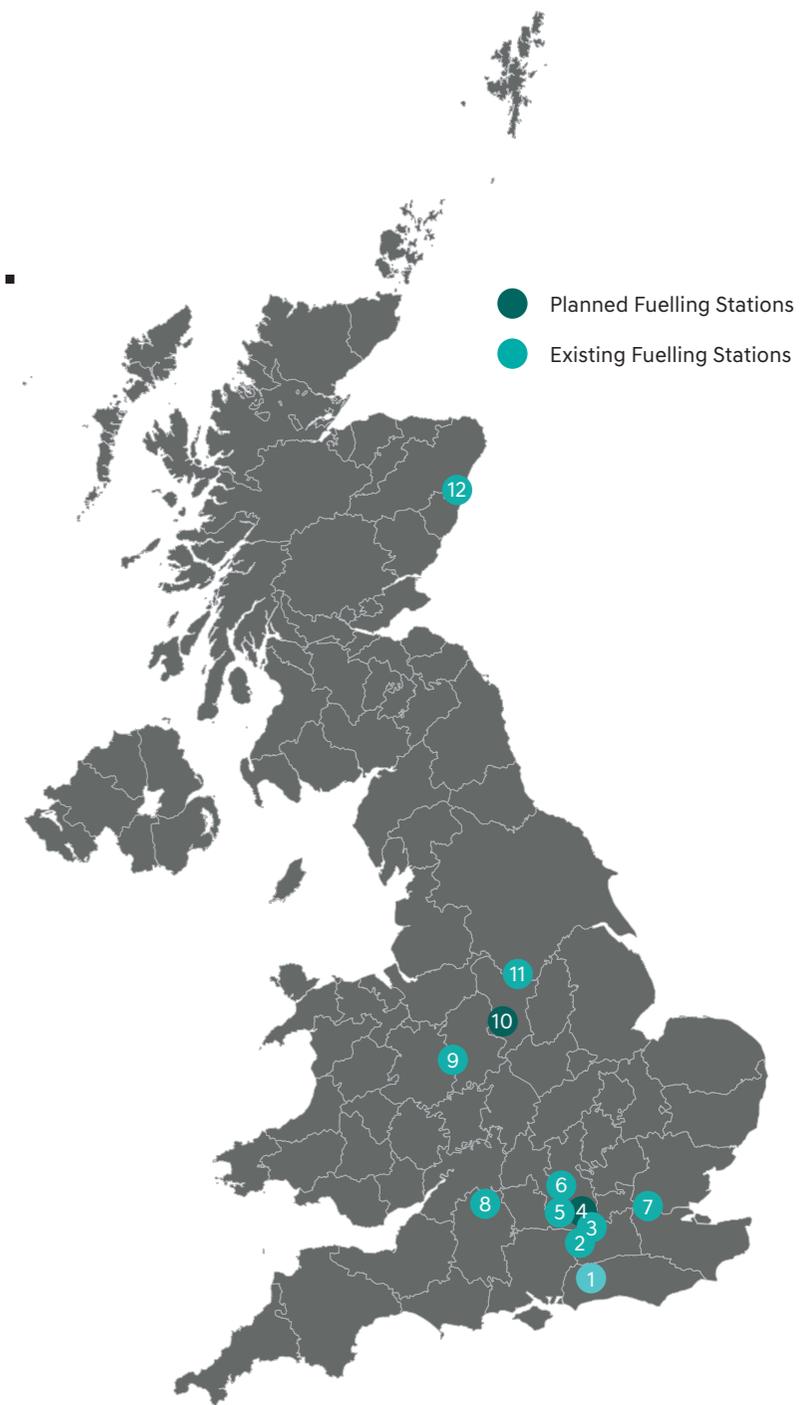
Pure water - the only by-product of the process - is expelled.



Hydrogen Refuelling Stations.

The UK Hydrogen Fuelling infrastructure is growing. Below is a list of stations across the UK where you can easily refuel your NEXO.

- 1 Shell Gatwick North, Longbridge Way, Sussex.
- 2 Shell Cobham, Cobham Services (M25).
- 3 National Physical Laboratory (NPL), Teddington, London.
- 4 Shell Barking, Greater London (opening 2022)
- 5 Heathrow, Hatton Cross.
- 6 Shell Beaconsfield - Beaconsfield Services (M40).
- 7 Centre for Engineering and Manufacturing Excellence (CEME) Rainham, London.
- 8 Johnson Matthey Fuel Cells, Great Western Way, Swindon.
- 9 Tyseley Energy Park, Hay Mills, Birmingham.
- 10 South Derbyshire (opening 2021/2022)
- 11 Advanced Manufacturing Park (AMP), Rotherham.
- 12 Hydrogen Centre, Kittybrewster, Aberdeen.







A high-tech interior with futuristic features.

NEXO's well-appointed interior has been crafted to ensure everything is at your fingertips.



Paddle Shift (Regenerative Braking Control)



Integrated Driver Information System Controller



KRELL Premium Sound



Wireless Phone Charging Pad

The 12.3" touchscreen - with improved brightness and touch response - is home to NEXO's media centre and satellite navigation. NEXO is future-ready, with Bluetooth® and voice recognition for effortless control of in-car entertainment and Smartphone streaming from Apple CarPlay™ and Android Auto™. KRELL ambient speakers and a hidden subwoofer fill NEXO with sound, and a wireless charging pad keeps your phone charged when you're on the move.



Advanced technologies to keep you safe.

When it comes to safety, we're thinking far beyond today. NEXO has been fitted with cutting edge safety innovations, because you and your passengers are our first priority. This attention to safety has been recognised as outstanding by Euro NCAP, with the NEXO being awarded Best in Class Winner 2018.



Forward Collision-Avoidance Assist (FCA): Front view camera and front radar are in place to warn the driver of imminent collisions with other vehicles, or even certain types of objects; and if necessary apply emergency braking to prevent collision.



Rear Cross-Traffic Collision-Avoidance Assist (RCCA): Radar sensors in the rear bumper monitor cross traffic approaching from left and right side of the vehicle during reverse manoeuvres, and if necessary apply emergency braking to prevent collision.



Blind-Spot Collision-Avoidance Assist (BCA): Radar sensors in the rear bumper are used to warn you of approaching vehicles in the blind spot area and activate the brakes when there is a collision risk in lane-changing manoeuvres. Thanks to these forward-thinking technologies, you'll drive with total peace of mind.



Remote Smart Parking Assist: Use the RSPA feature to automatically enter or exit a space. Choose to stay in the car while NEXO completes the manoeuvre, or get out and use the key fob to complete it remotely. When you return, avoid squeezing in by using the key fob to exit its space. NEXO does the hard work for you.





19" Alloy Wheels

NEXO offers the following key features as standard:

- 12.3" Touchscreen Satellite Navigation and Media Centre
- 19" Alloy Wheels
- Alarm – Thatcham Category 1
- Autonomous Emergency Braking (AEB) with Forward Collision Warning System (FCWS)
- Blind Spot View Monitor
- Cruise Control – Smart Adaptive Speed Control with Stop & Go Function
- Front Seats – Heated & Ventilated
- Headlights – Full LED
- Heated Steering Wheel
- Lane Departure Warning (LDW) System with Lane Keep Assist (LKA)
- Phone Connection – Android Auto™/Apple CarPlay™
- Positioning Lights – LED
- Rear Seats (Outer) – Heated
- Remote Smart Parking Assist
- Speakers – KRELL Audio – 8 Speaker System including External Amplifier and Subwoofer
- Speed Limit Information Function (SLIF)



Available in Greige Two-tone Trim. Not to UK specification.

Exterior colours



NEXO	Premium SE
EXTERIOR	
19" Alloy Wheels	•
Door Garnish – Silver Grey	•
Door Mirrors with Integrated Indicators – Black Gloss	•
Exterior Door Handles – Body Coloured	•
Front Bumper – Body Coloured and Dark Metallic Grey	•
Radiator Grille – Body Coloured	•
Rear Bumper – Two-tone Grey	•
Rear Spoiler with Integrated LED Brake Light	•
Roof Rails – Silver	•
Tyres – 19" Hankook	•
INTERIOR STYLING	
Interior Door Handles – Chrome Effect	•
Steering Wheel – Faux Leather Wrapped	•
SEATING	
Driver's Seat Height Adjustment – Electric	•
Driver's Seat Lumbar Support – Electric	•
Front Passenger's Seat Height Adjustment – Electric	•
Front Seats – Heated	•
Front Seats – Ventilated	•
Head Restraints – Vertical and Horizontal Adjustment (Front)	•
Head Restraints – Vertical Adjustment (Rear)	•

NEXO	Premium SE
Rear Seats – Split Folding (60/40)	•
Rear Seats (Outer) – Heated	•
Seat Trim – Cloth and Faux Leather	•
VENTILATION AND VISIBILITY	
Air Conditioning – Climate Control (Dual Zone)	•
Automatic De-fog System for Front Windscreen	•
Automatic Dimming Rear View Mirror	•
Automatic Headlights with Dusk Sensor	•
Daytime Running Lights – LED	•
Door Mirrors Puddle Lights	•
Fog Lights – LED Rear	•
Headlights – Full LED	•
Interior Lights – Front, Rear and Luggage Compartment	•
Positioning Lights – LED	•
Rear Air Vents – Centre Console	•
Rear Combination Lights – LED	•
Rear Windscreen – Tinted Heated with Washers	•
Solar Glass with Windscreen Shade Band	•
Sunroof – Electric Tilt and Slide	•
Windscreen Wiper with Aero Wiper Blade	•
Windscreen Auto Defog	•

NEXO	Premium SE
CONVENIENCE	
12V Power Outlets in Front and Rear Arm Rest	•
Cruise Control – Smart Adaptive Speed Control with Stop & Go Function	•
Cup Holders – Front and Rear	•
Door Mirrors – Electric Adjustment and Heated with Power Folding Function	•
Drive Mode Selector – Button	•
Front Seat Back Pockets – Driver and Passenger Seat	•
Glove Compartment – Illuminated	•
Heated Steering Wheel	•
Luggage Cover	•
Luggage Hooks	•
Luggage Net	•
Parking Brake – Electric	•
Parking Sensors – Front and Rear	•
Parking System – Rear Camera and Guidance System	•
Parking System – Surround View Monitor	•
Regenerative Brake Shift Paddles	•
Remote Smart Parking Assist	•
Smart Electric Tailgate – Hand's Free Opening Function	•
Smart Key – Keyless Entry with Power On/Off Button	•
Steering Column – Height and Reach Adjustable	•

NEXO	Premium SE
Sun Visors – with Driver and Passenger Illuminated LED Vanity Mirrors	•
Tyre Repair Kit	•
TECHNOLOGY AND ENTERTAINMENT	
7" Driver's Supervision Instrument Cluster with TFT Display	•
12.3" Touchscreen Satellite Navigation and Media Centre	•
Bluetooth® Connectivity with Voice Recognition*	•
Phone Connection – Android Auto™	•
Phone Connection – Apple CarPlay™	•
Radio - Digital DAB	•
Speakers - KRELL Premium Audio – 8 Speaker System Including External Amplifier and Subwoofer	•
Steering Wheel Audio, Phone and Cruise Controls	•
Trip Computer	•
USB Charging Ports – 2 Front	•
USB Connectivity Port – 1 Front	•
Wireless Phone Charging Pad	•
SAFETY AND SECURITY	
Active Bonnet System	•
Airbags – Front, Front Side and Curtain Airbags	•
Alarm – Thatcham Category 1	•
Anti-lock Brake System (ABS)	•
Autonomous Emergency Braking (AEB) with Forward Collision Warning System (FCWS)	•

NEXO	Premium SE
Blind Spot Detection (BSD)	•
Blind View Monitor	•
Central Locking – Remote Control	•
Driver Attention Alert (DAA)	•
Electronic Stability Control (ESC)	•
Hill-start Assist Control (HAC)	•
Immobiliser	•
ISOfix Child Seat Anchorage Points – Rear (Outer Seats only)	•
Lane Departure Warning (LDW) System with Lane Keep Assist (LKA)	•
Seatbelts – Height Adjustable Driver and Front Passenger	•
Speed Limit Information Function (SLIF)	•
Tyre Pressure Monitoring System (TPMS)	•
Tracker - Vodafone VTS S5 with Driver ID Cards	•
WARRANTY†	
12 Years' Anti-Perforation Warranty	•
Five Year Annual Vehicle Health Checks	•
Five Year Unlimited Mileage Warranty	•
Hyundai Roadside Assistance	•
STANDARD WARRANTY†	
High Voltage Battery	8 years/125,000 miles

• Standard ◦ Optional at extra cost
* Please contact NEXO Team on 0344 346 0124 .
† 5 Year Unlimited Mileage Warranty terms and exclusions apply. Please see www.hyundai.co.uk for full terms and exclusions.
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NEXO		FuelCell 120PS Single Speed Reduction Gear
FUEL CELL SYSTEM		
0-62 mph (seconds)		9.54
Top Speed (mph)		111
System Power (ps/kW)		163/120
STACK		
Cell Number		440
Power (kW)		95
Density (kW/L)		3.1
ELECTRIC MOTOR		
Electric Motor Type		Permanent Magnet Synchronous Motor (PMSM)
Electric Motor Max Power (PS/kW)		120/88.3
Electric Motor Torque (Nm/lbs.ft)		395/291.3
HIGH VOLTAGE BATTERY		
Battery Type		Lithium Ion Polymer
Battery Power (kW)		40
Battery Capacity (kWh/Ah)		1.56
Voltage		240
HYDROGEN TANK		
Tank Capacity (L)		156.6
Tank Capacity (kg)		6.33
Cold Start Temperature (Degrees)		-30
REFUELLING PRESSURE		
Refuelling Pressure (bar)		350/700
SUSPENSION		
Front		MacPherson Strut
Rear		Multi Link Type
STEERING		
System		Rack and Pinion Motor Driven Power Steering
Steering Wheel Lock to Lock Turns		2.62
Turning Circle (metres)		11.2
BRAKE		
System		ABS System with Regenerative Brakes
Front/Rear		Disc 16"/Disc 17"
DIMENSIONS		
Overall Length (mm)		4,670
Overall Width (mm) (Excluding Door Mirrors)		1,860
Wheelbase (mm)		2,790

NEXO		FuelCell 120PS Single Speed Reduction Gear
WEIGHT AND CAPACITY		
Kerb Weight (kg)*		1,874
Payload (kg)†		466
Gross Vehicle Weight (kg)‡		2,340
Max Tow Weight (kg) – Braked/Unbraked		0
Gross Train Weight (kg)**		0
Noseweight (kg)		0
Max Roof Weight (kg)		100
PREMIUM SE		
Front/Rear Tyre		245/45R19
Front/Rear Wheel		7.5J X 19
Front/Rear Track		1,614/1,625
Overall Height (mm) with Roof Rails		1,640
Luggage Capacity VDA (litres) – Seats Up		461
Luggage Capacity VDA (litres) – Seats Down		1,466
WLTP-Low Phase Consumption (H ₂ kg/100km) ††		0.8
WLTP-Mid Phase Consumption (H ₂ kg/100km) ††		0.8
WLTP-High Phase Consumption (H ₂ kg/100km) ††		0.9
WLTP-Extra High Phase Consumption (H ₂ kg/100km) ††		1.2
WLTP-Combined Consumption (H ₂ kg/100km) ††		1
Max Overall Range (miles)		413
CO ₂ Emissions (g/km)		0

* Kerb Weight defined as the total weight of a vehicle with standard equipment and all necessary operating consumables such as coolant, air conditioning refrigerant and a full tank of fuel, while not loaded with either driver, passengers or cargo.

† Payload is the difference between the Gross Vehicle Weight and the Kerb Weight.

‡ Gross Vehicle Weight is the maximum allowable weight of the vehicle, fully loaded with passengers and cargo (The Payload) and includes the weight of the vehicle.

** The Gross Train Weight is the weight of the fully loaded vehicle plus a fully loaded trailer and must not be exceeded.

†† Figures shown are for comparability purposes; only compare fuel consumption and CO₂ figures with other cars tested to the same technical procedures. These figures may not reflect real life driving results, which will depend upon a number of factors including accessories fitted (post registration), variations in weather, driving styles and vehicle load.

‡‡ g/km = grams of emitted substance per kilometre travelled. CO₂ = Carbon Dioxide.

NEXO DIMENSIONS



Specifications shown in this brochure are based upon the latest available information at the time of printing. The colours and finishes reproduced in this brochure are subject to the limitations of the printing process and may vary from the actual colour and paint finish.

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Model on front cover:
NEXO Premium SE in Copper Metallic paint.
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