

DEFY



PRAVAIG DYNAMICS PRIVATE LIMITED

PRAVAIG

Purposeful in every detail



Private
Truly yours
Upgradable



Built to last



Take Back Control



MOTORS & BATTERY



Lithium-ion battery with 500+ km range

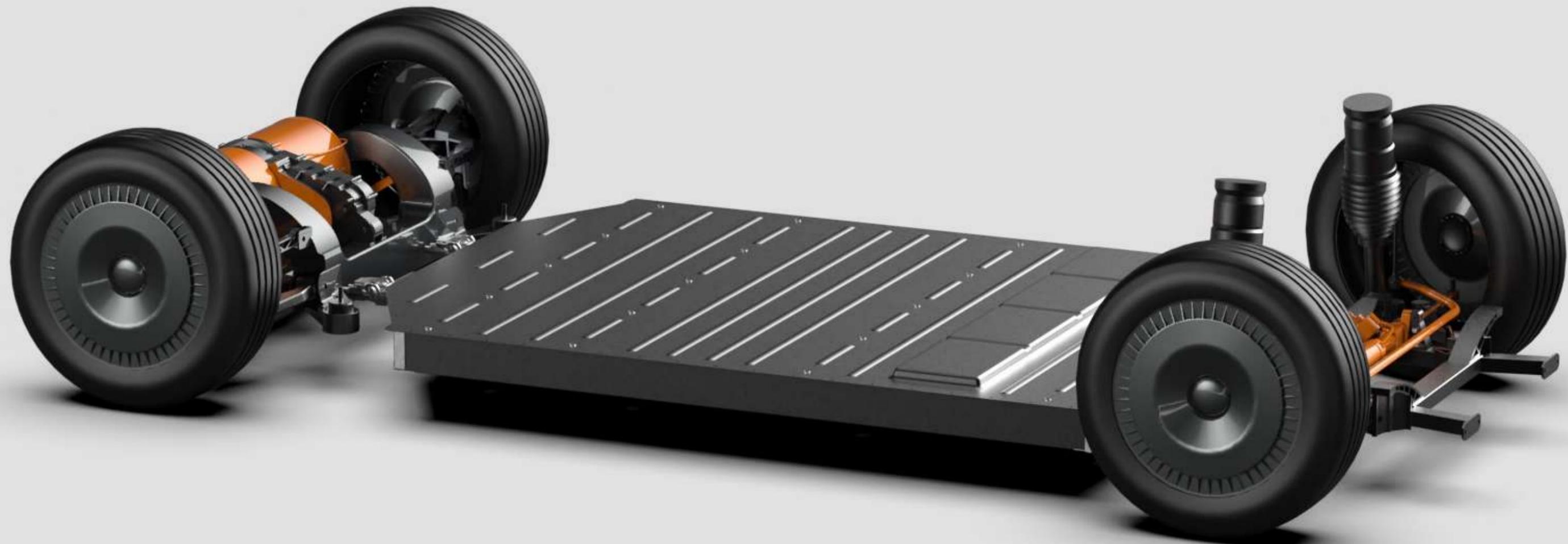
Defy has a lithium-ion battery with up to 5 modules and 5000 hardcase cells.

The 90.9 kWh capacity battery pack enables sufficient energy for Defy to go beyond a real world range of 500 km. With 9 layers of safety and a decade of innovation in batteries, Pravaig is one of the safest and most high performance battery manufacturers in the world. The innovative battery management software, which was developed in-house, allows updates over the air (OTA). This keeps the energy management of Defy up-to-date.



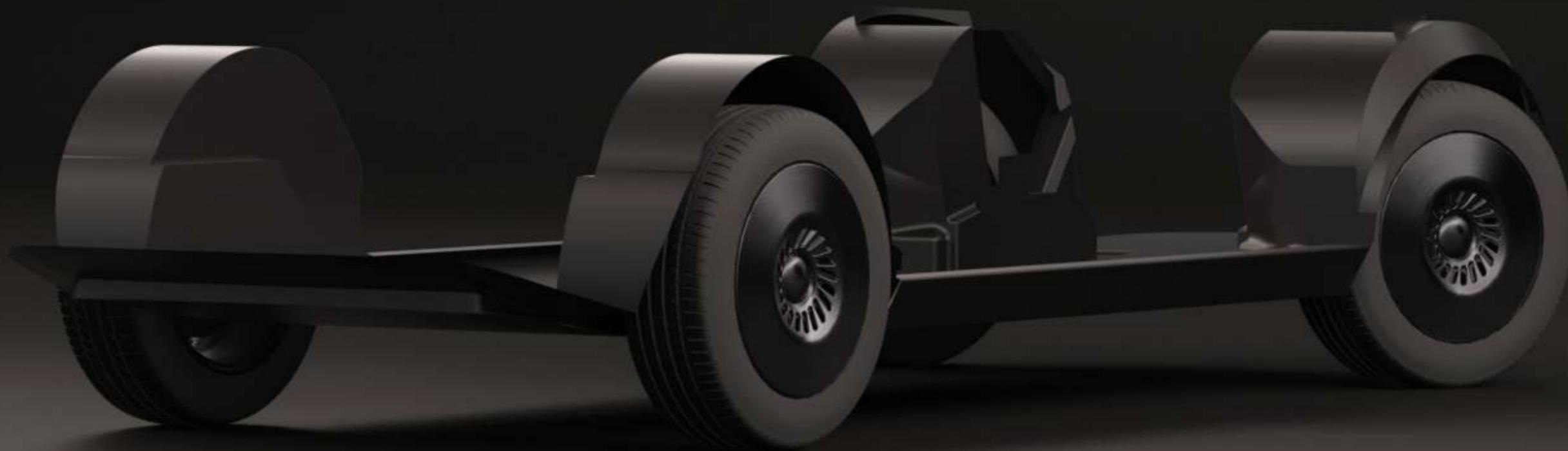
Dual 150 kW Permanent Magnet Synchronous Motors

Powerful, seamless and efficient, the Pravaig Defy is powered by dual electric motors, generating a total power output of 300 kW with 620 Nm of torque. With 404 bhp delivered to all the 4 wheels, there's a lot of fun to be had once you put the pedal to the metal. The Permanent Magnet Synchronous Motors (PMSMs) feature magnets rotating inside a revolving electromagnetic field. This technology minimizes copper conduction losses within the rotor, resulting in high power density and efficiency. Coupled with our proprietary control algorithm, these motors run effortlessly under all driving conditions. An advanced cooling system helps maintain performance and consistency during both spirited driving as well as a wide range of climates.



Infinitely variable AWD | All-wheel drive

In any season, on any road, AWD all-wheel drive adds to your confidence and control. In the Defy, the dual electric motors allow its AWD system to infinitely vary the torque distribution between the front and rear axles. Continually monitoring for wheel slip and other parameters, the system can quickly reappportion the torque in response to changing driving conditions. And since the function is a built-in benefit of the dual motors, it adds virtually no weight to the vehicle. Three levels of energy regeneration are also selectable, from none (effectively coasting when you let off the driving pedal) to Normal to Increased, which can allow one-pedal driving.



DESIGN



Born electric, pure DNA

A dedicated platform designed gives Pravaig the chance to create a truly unique identity, while making the best of the fact that electric powertrains do not require as much space for the cooling systems and other ancillary equipment of an internal combustion engine, along with the engine itself. The Pravaig “skateboard” platform locates the large battery in the centre of the floor of the vehicle, thus liberating space for luggage and occupants. And additionally lower the centre of gravity for better dynamics. Engineering an all-new vehicle architecture is no small feat, with all the systems there are to integrate. Including development of systems such as software. The dedicated EV architecture, meanwhile, lays the groundwork for larger strides in the longer term starting with Defy.



Brutal Sophistication design

The “brutal sophistication” of the Pravaig design is rooted in its all-electric architecture, but comes to life on every surface. 4 corner tracking and boxy proportions extend visibility and spatial awareness for an exceptionally large car to be manoeuvred in the tightest environments. With the Black lens front and full-width front and rear lightbars evoke elegance with a retro future voice.



Advanced aerodynamics

In sync with Pravaig's focus on the Defy's performance, its shape is notably aerodynamic for a big SUV, with a drag co-efficient of 0.33. The roofline is lower and sloped, both windshield and rear window slants are steeper, and side glass is shallower and more flush-fitting. Aerodynamic effects include front and rear-roof spoilers, and bulging side skirts. We aimed to make shut lines as flush as possible, and the Defy's overall shape cuts through the air. The focus on aerodynamics aids in a quiet cabin, too.



Defy body styling

Edgy and sporty, Defy is massive.

The design intent for Defy was to stand out since the beginning, The vision was to create something Bold, Futuristic, Pure while keeping a brutal sex appeal in it's masculinity. The Defy has a very upright and butch face with prominent sculpture around the air curtains in the front to the unmistakable shoulder line on the side. Finishing it off with a very sharp and upright rear. Our design intent was not to hide the presence of the car but also included subtle touches from Extinction MK1 as a tribute. High tension curves along with a sharp DLO makes this car nothing like you've seen on the road.

The Halo

Light band with LED lamps forming a seamless glowing Halo around Defy. A distinguishing feature in Pravaig cars, that gets heads turning. Red at the back, white upfront, with yellow side markers. This creates a true light band Halo around the entire vehicle in a smooth continuous loop. The Halo serves as a division between the top half of Defy, which is airy and roomy, and the bottom half which is earthy and strong.



Panoramic moon roof

Front or rear, rainy or sunny - the sky is always within your reach. With a curtain to block out harsh sunlight in the peak of summer, and gain Vitamin D daily and keep you toasty in the winters. Feel the rain splatter without getting wet, get engulfed in mists of clouds. The mountains, beaches, and dense cities are never the same with an added dimension.

Defy interior

Sustainable fabrics (RPET)- Fabrics made out of recycled materials, such as PET. Only Vegan leather used everywhere, feels better than genuine leather in every way. Anodized aluminium everywhere, built to last a lifetime while being a lot more friendly for the environment.



Zero G seats

Defy seats are extremely comfortable and designed for the greatest posture support and safety. Inspired from the best aircraft seats, the cushioning and support provide the most enjoyable seating experience by lowering pressure peaks. With 6 way electronic adjustment and ventilation as standard, they adapt to the temperature of the cabin automatically.

TECHNOLOGY



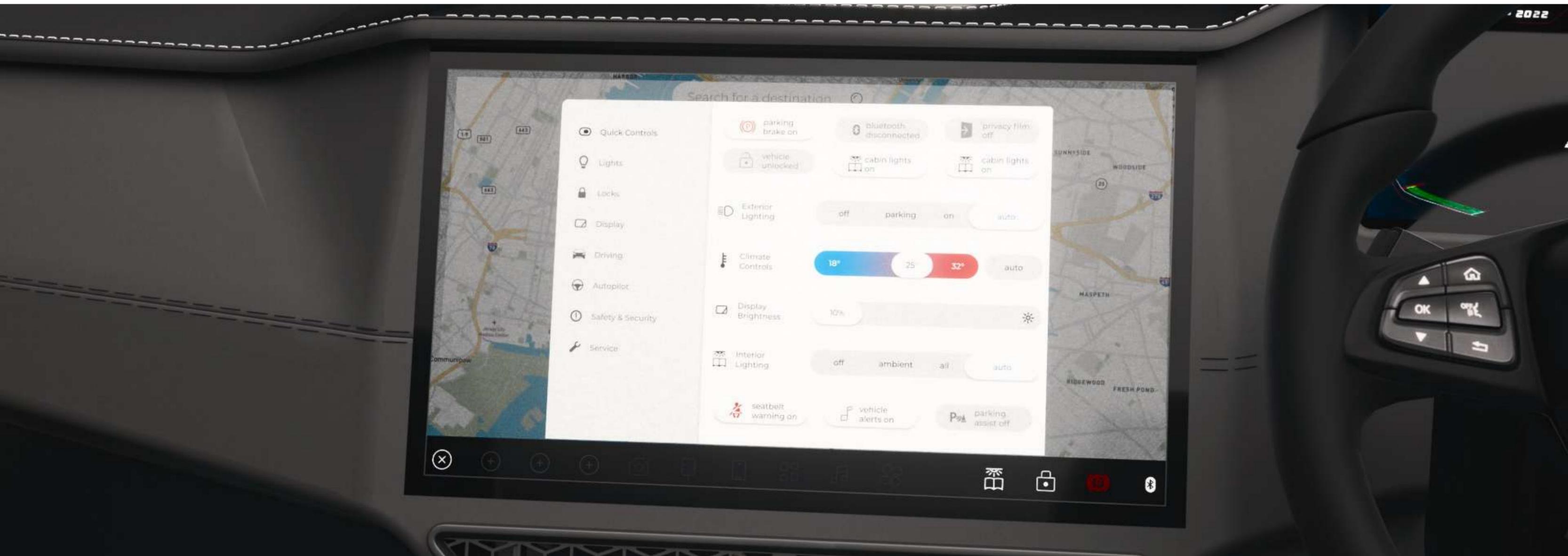
Philosophy. the 3 pillars of all of Pravaig's technologies

- Privacy** You will know; they won't. No invasive microphones, cameras & data profiling. Which is why leading diplomats and their security details trust Pravaig.
- Upgradability** Never outdated. Full upgradability, full repairability. No planned obsolescence. As a side effect very low cost repairs and a long lifetime.
- Truly yours** Master of All. The software & hardware belong to you. More than just a license holder.



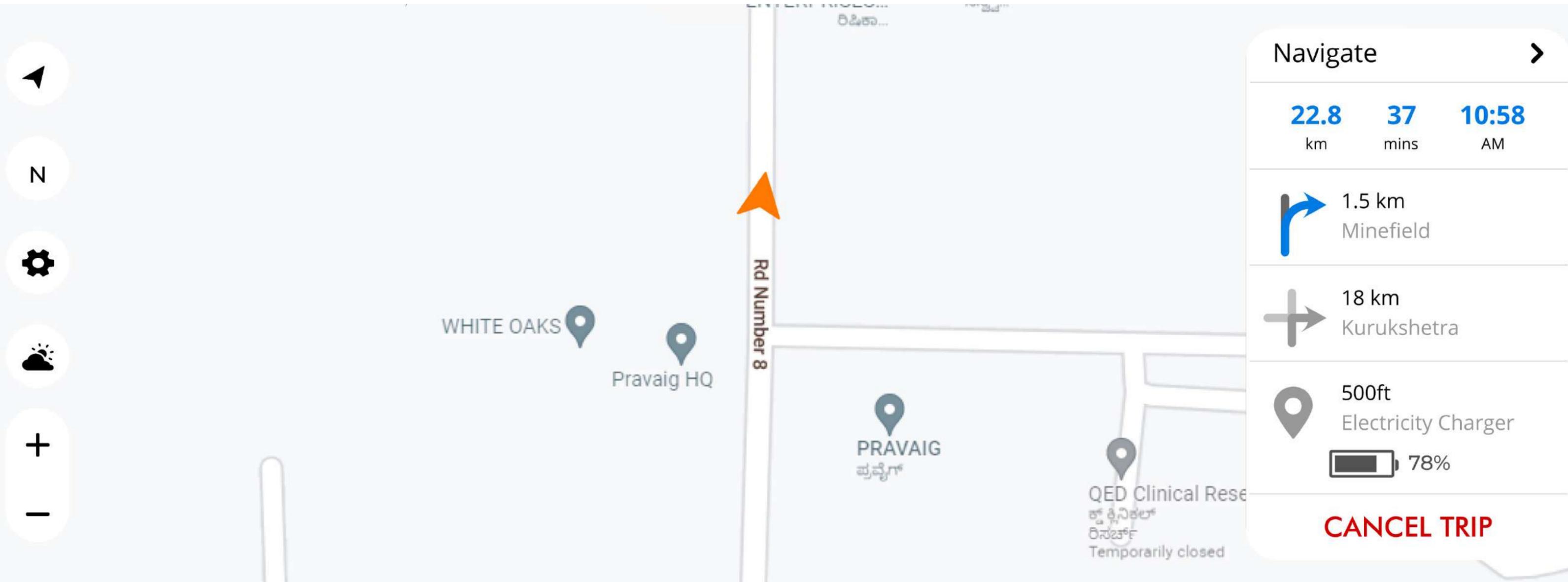
MultiFace

A brilliant 15.6" display with a silk smooth touch runs the MultiFace, an advanced and expandable infotainment system. Make journeys more enjoyable and entertaining. Customize the app tray for your most selected programs and applications, browse the internet, navigate new territory, stream content, and control your car. Ultrafast in-car 5G and seamless device connections make MultiFace an extension of your digital self.



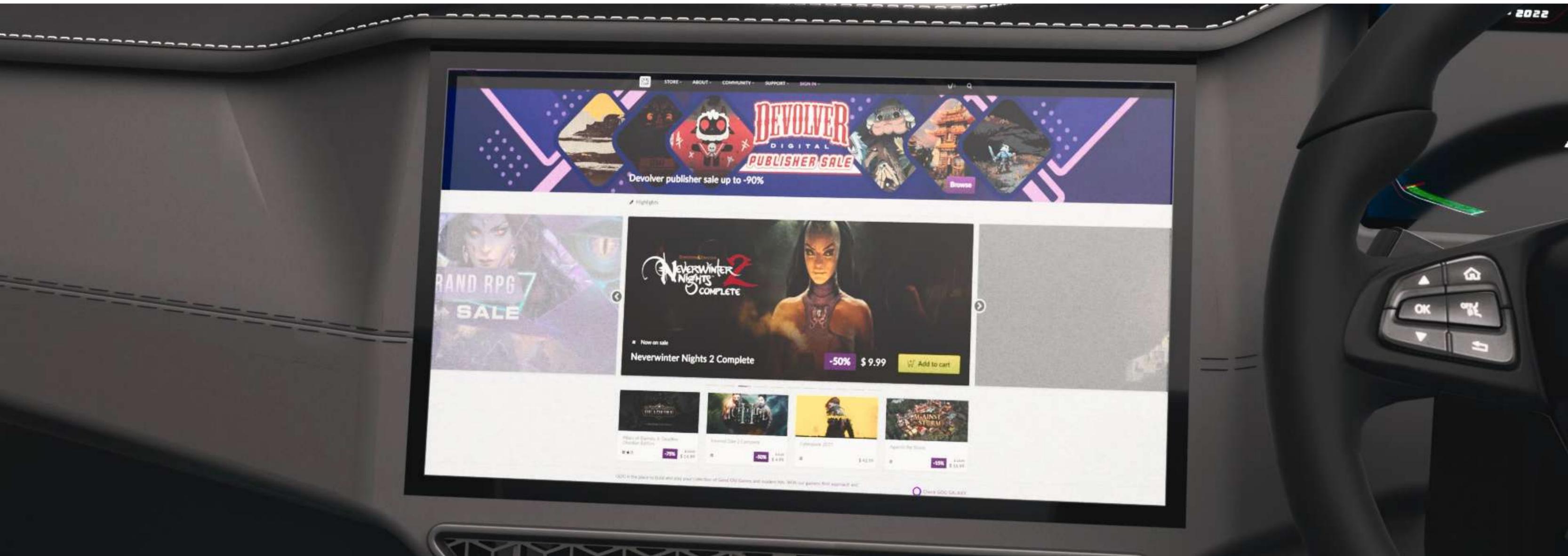
MultiFace Navigation

Determine the quickest and most convenient route for your journeys; or get lost in the lap of nature. Find charging stops with all our charging stations. Explore cities and new territory with the exploration options. Find anything, anywhere; lose yourself, anytime.



On-board Gaming

Play on, for life is short. The classics such as Chess, Pacman, Backgammon, Chinese Checkers, and AAA title games in partnership with a leading games distributor. Attach external controllers wirelessly; and keep adding more games with OTA updates.



Dynamic Instrumentation

A 10" Instrument Cluster, with bold imagery, high contrast, and deep blacks, displays a wide range of relevant information such as Date, Time, Speed, Odo, Charge status, map, entertainment, and driver assistance data. Adapted to the driving mode, the Cluster reflects the true state of Driver intent at all times.



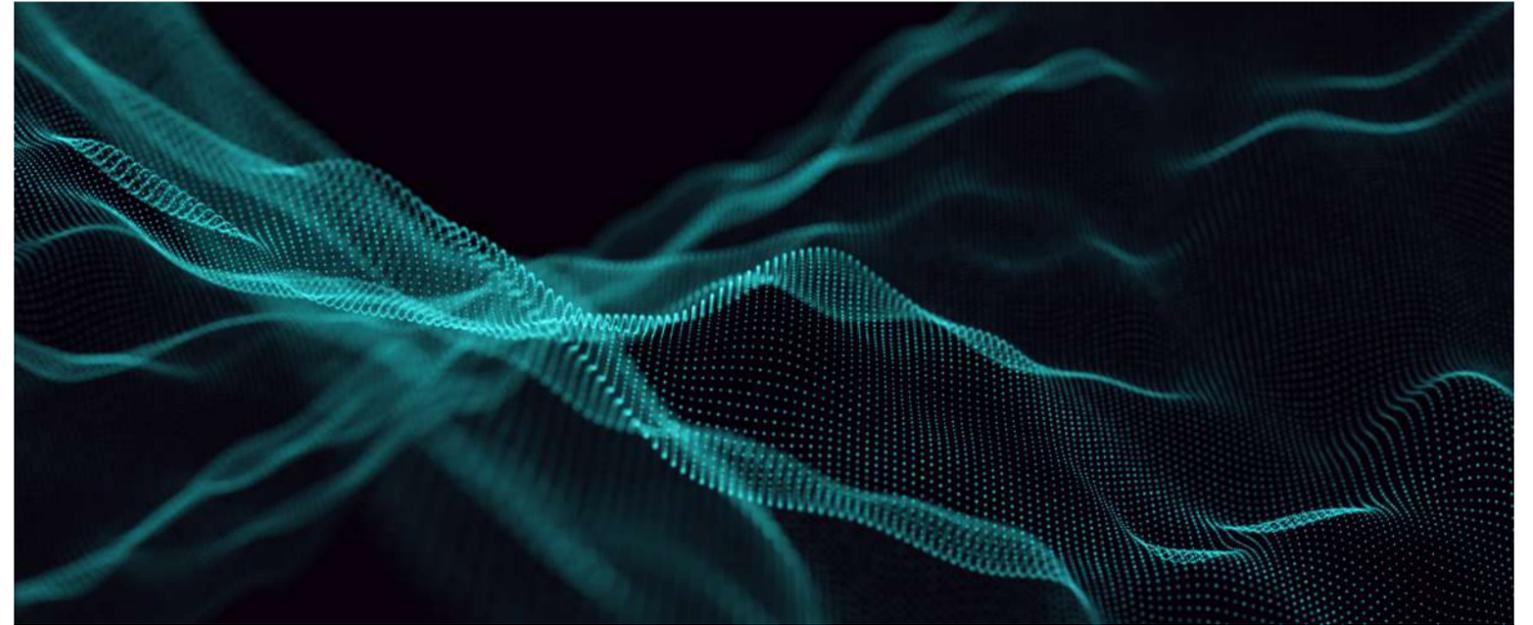
Implosive Sound

Unleashing the physical impact of high-end, ultra-dense sound with more power, clarity, and precision than any other. Devialet has crafted an incredible listening experience for Defy with their signature implosive sound. Exclusive technology from Devialet, leaders in professional audio equipment made for the French Opera. With the Devialet ultra dense sound system, feel the music, like never before. Feel the sound with sub 20Hz bass and a 3d soundscape.



Acoustic Control

The interior has an outstanding level of acoustic comfort with Active Noise Suppression, Cancellation, and Gain. Make crystal clear phone calls and enable digital privacy walls, Defy is the choice of the security minded.



Over-the-air software updates

Imagine waking up to a new and better car every few weeks. OTA updates add new features. With the OTA update, you will never be outdated. OTA updates allow Pravaig to remotely repair, maintain, and improve Defy software. Lots of updates are lined up in the Pravaig Roadmap for security, performance, interior, infotainment features, battery, and many more.

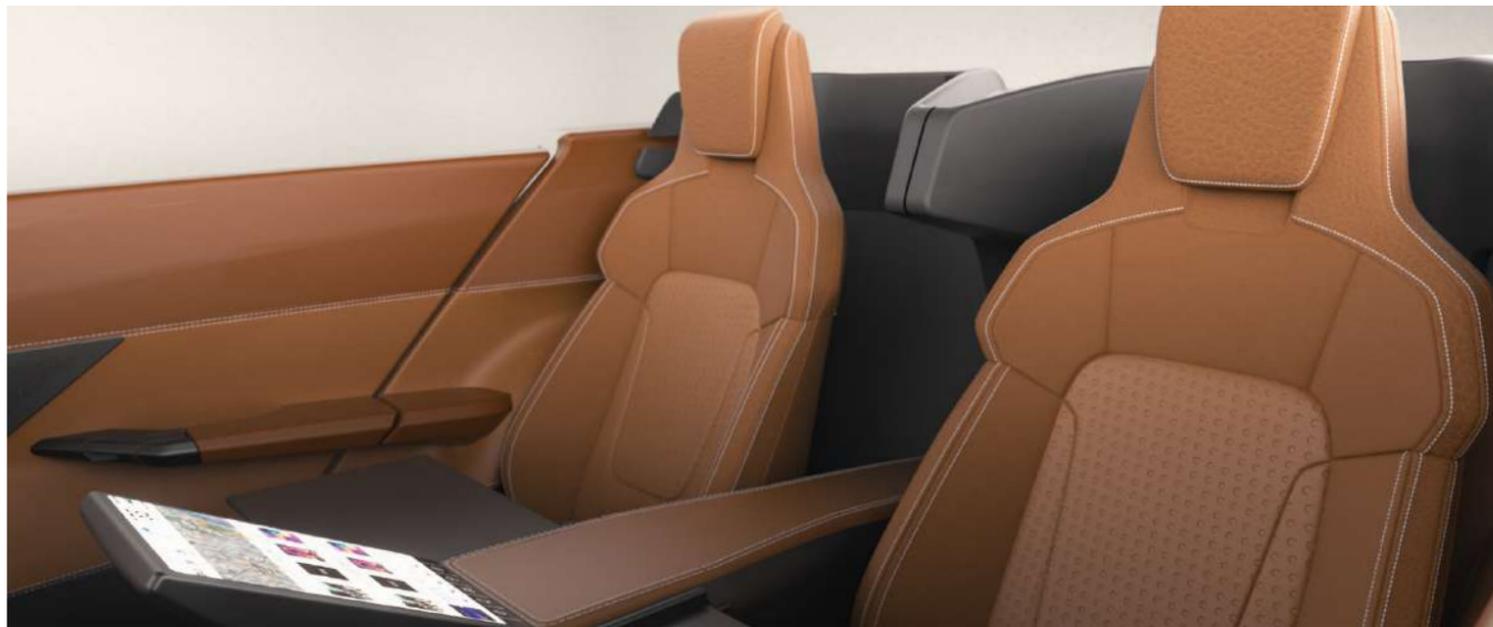
Pravaig Advanced Filtration

Spend your time in peace and health. Removes fine dust, microparticles, pollen and other substances, which are harmful to a human body. Get an absolutely refreshing experience with the advanced air filtration systems. Not just the particles, but also the Pravaig Advanced Filtration system rejuvenates the Oxygen levels in the Defy, now each journey is energizing.



Climate control

Automatic climate control system with temperature settings accessible from the front and rear. The in built sensors makes managing the quality of comfort seamless. An innovative directional venting device lets you fine tune the precise airflow across the cabin. With the electric compressor and resistance heater get a precise control of the temperature with extreme performance in the hottest conditions.



Pre-Conditioned interiors

Imagine being always comfortable, no matter the temperature outside. With pre-conditioning, the air conditioning and air quality will be maintained automatically, ascertaining comfort and dry backs in the Defy even on the hottest days.

Architectural lighting

Unlike any other, architectural lighting is reminiscent of architecture and large spaces. Defy utilizes passive ambience with large glows and diffusion across the massive interiors. It changes colours and intensity to suit your mode.

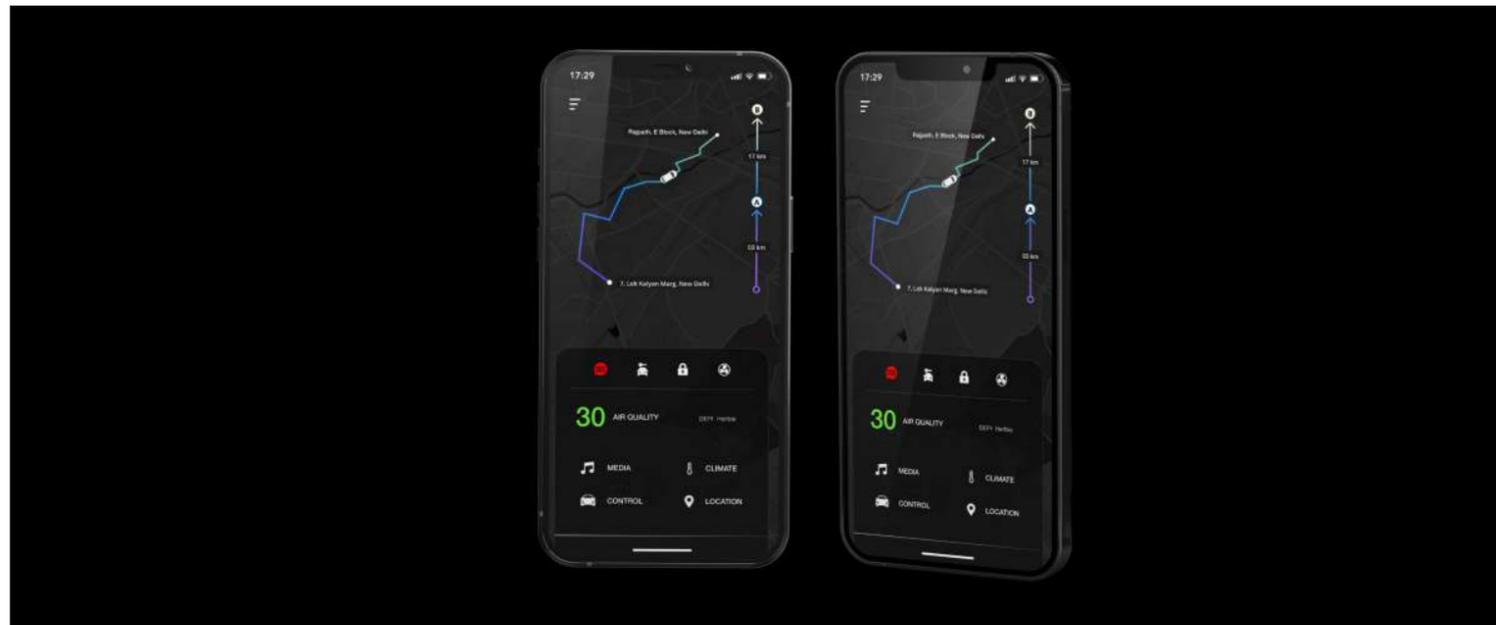


Charge all devices

High speed wireless chargers, and 2x ultra high power delivery USB C ports come standard for charging devices even to the size of laptops.

Pravaig Keycard

A whole new way of accessing your car. Sleek and smooth to fit in the slimmest wallets. With optimum convenience and security, the exclusive Pravaig Keycard unlocks all gates with one tap. Use the same cards across all charging infrastructure and future Pravaig models and services.



Digital Twin, in your pocket

Enjoy a truly connected experience with the Pravaig App - the ultimate integration between Defy & your mobile. Access Defy and its features with a single tap from your phone. Access your Defy without the Pravaig Keycard. Pravaig app also provides information about Defy and allows you to interact with it even when you are not in your vehicle. Climate control, Ambient lightings, Seating comfort, Track your vehicle from anywhere/Vehicle Locator, Remote Lock/Unlock, Trip Tracking, Tow & Theft alert, Vehicle Status Check. Get updates on the health of your vehicle, schedule service pick ups, and get road side assistance. And more.

15" mirror

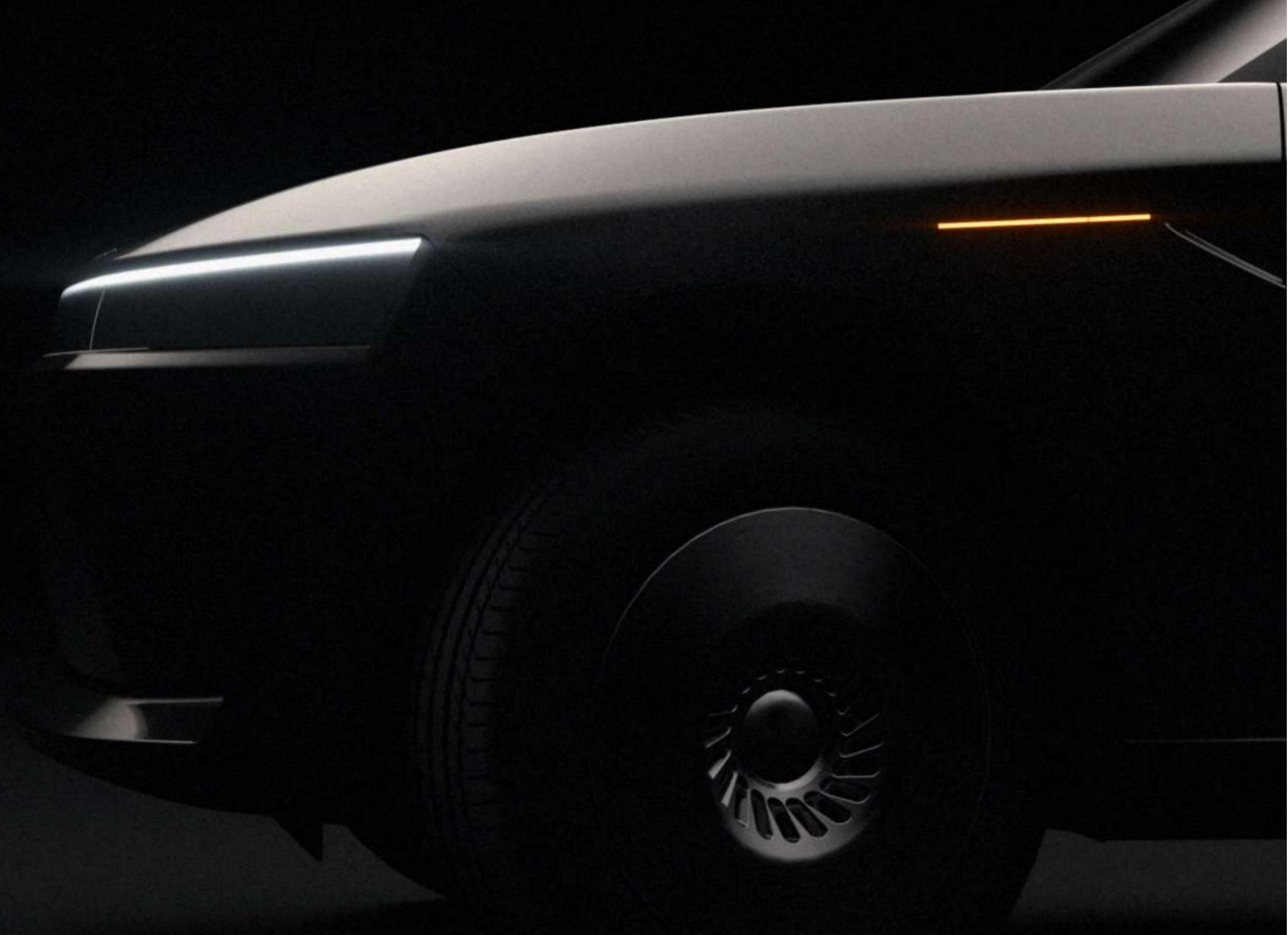
Advanced reflective surface which in real time brings forth 99.9% of the photons that travel to it. With cutting edge ray tracing capabilities it functions even in the harshest environments. All that with no additional energy drain on the battery of the car, it is an incredibly efficient high technology solution for everyday needs.



Dustbin

A receptacle that allows you to store packaging and temporary items to be recycled and/or discarded further. This advanced 3D cuboid makes use of extreme sealing to prevent olfactory exchange with passengers and the discards. Ensuring a cleaner environment for the Indian cities with no energy draw on the battery. Planet saving device.

SAFETY



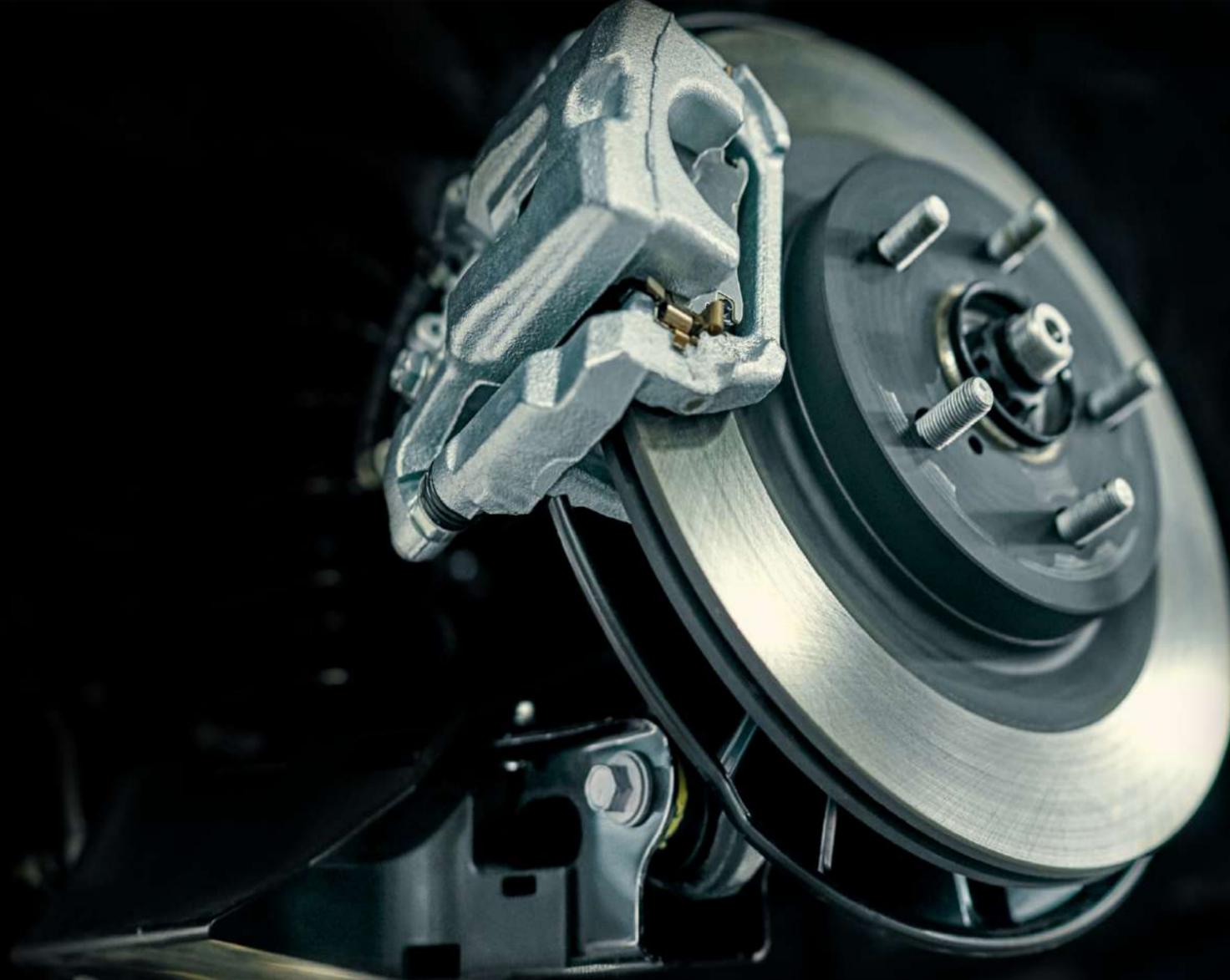
Race ready roll cage chassis

Defy's chassis serves as the foundation for the high-end performance vehicle. Superior safety, passenger comfort, and driving pleasure are achieved effortlessly. It is a specially engineered and constructed frame built with Ultra high strength steel, to protect its occupants. It performs particularly better than any other global car in production in case of a rollover.



High-performance braking system

Great power needs the best breaking system to come to rest. Defy comes with Hydraulic Disc Brake with Vented Rotors to ensure the efficacy of the brakes through the lifetime of the vehicle. With ABS and ESP, the braking systems ensures the best of performance in the most demanding conditions. Short stopping distances, effective control, and maximum durability even under extreme stress.



Adaptive LED Headlamps

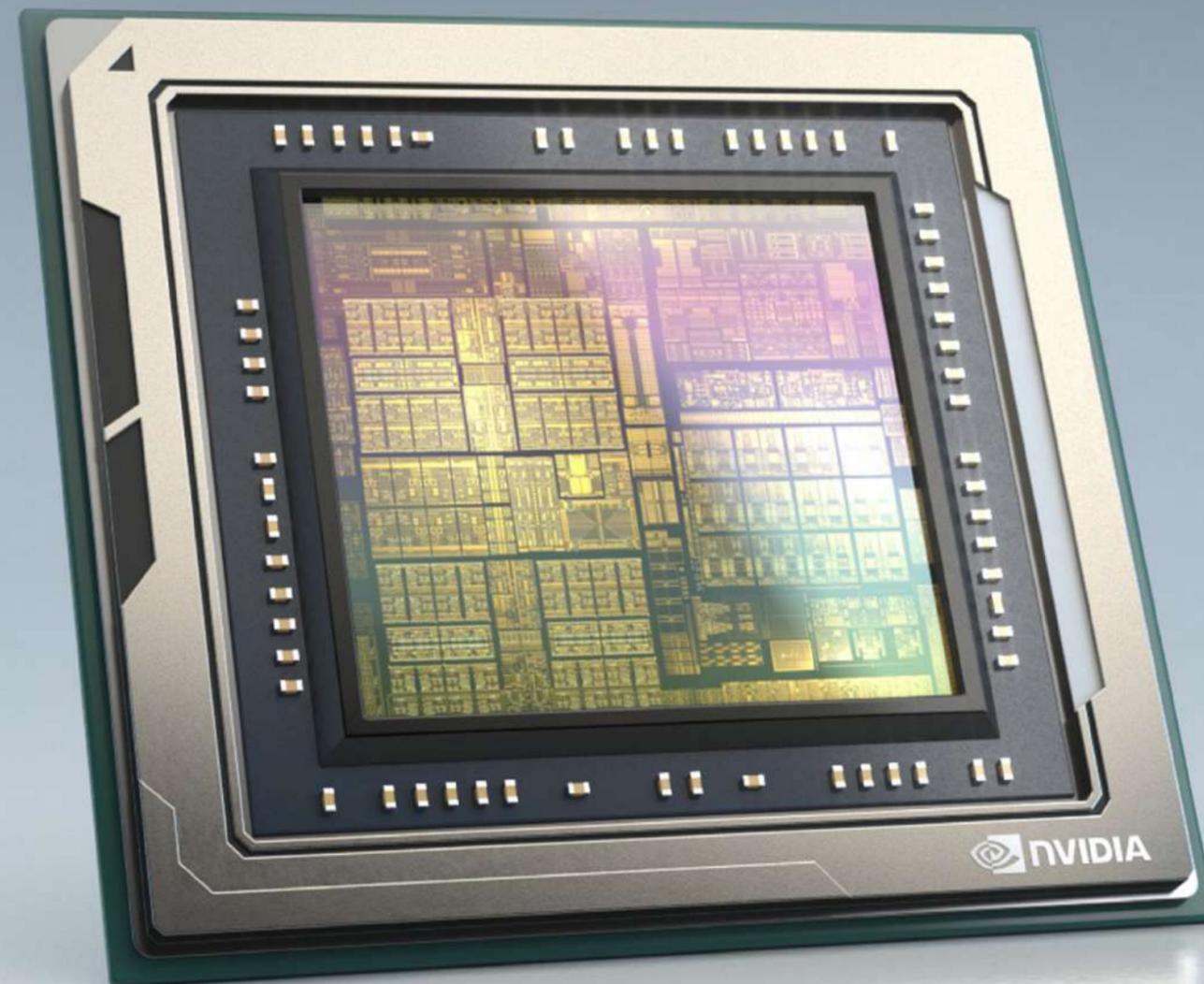
The high power LED projector adjustable headlamps in Defy alleviates the strain of driving long distances at night. With industry leading light throw you can see the road surface and all hazards better. The high efficiency of the high power LED system allows for added range. With the unique open architecture with age the lights stay crystal clear and good as new throughout their long lifetime.



MultiVAC

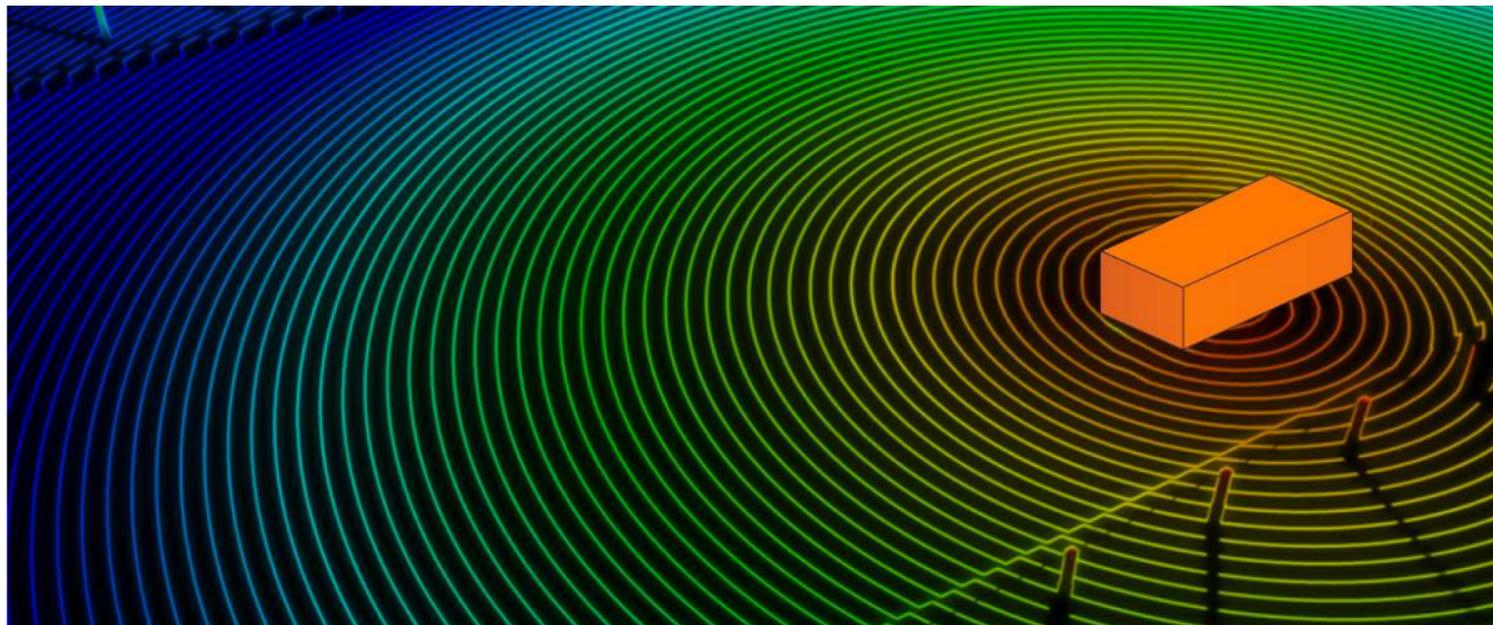
MultiVAC is an extremely powerful computer that is the master brain of your Defy. It is so powerful that in 2024 it would've been the most powerful supercomputer in the world. Imagine that power in your Defy. It is constantly updated with software, and along with the hardware suite it runs advance driver assistance applications from Pravaig.

As an example, these applications help you with automated parking, avoiding objects and other vehicles automatically, automatic emergency braking, and making sure your Defy does not veer off course. The system runs the Pravaig ChaosEngine which is built with the chaotic road conditions of India, to increase safety, everyday.



360-degree cameras

Defy has a class leading 8 Camera sensor array. Now see more even in the most demanding conditions. These high resolution cameras provide exterior perspectives as well as a 360° overhead view of your Defy, allowing you to confidently navigate in tight parking spots.



Radar

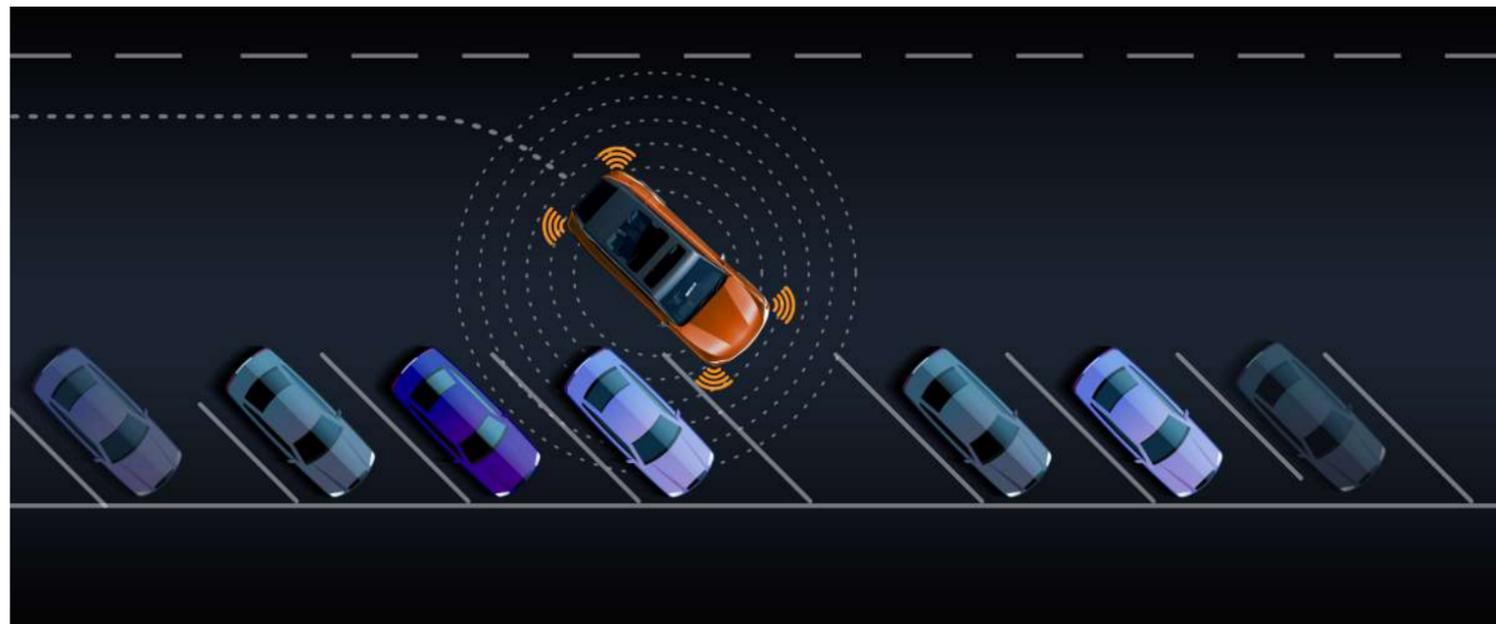
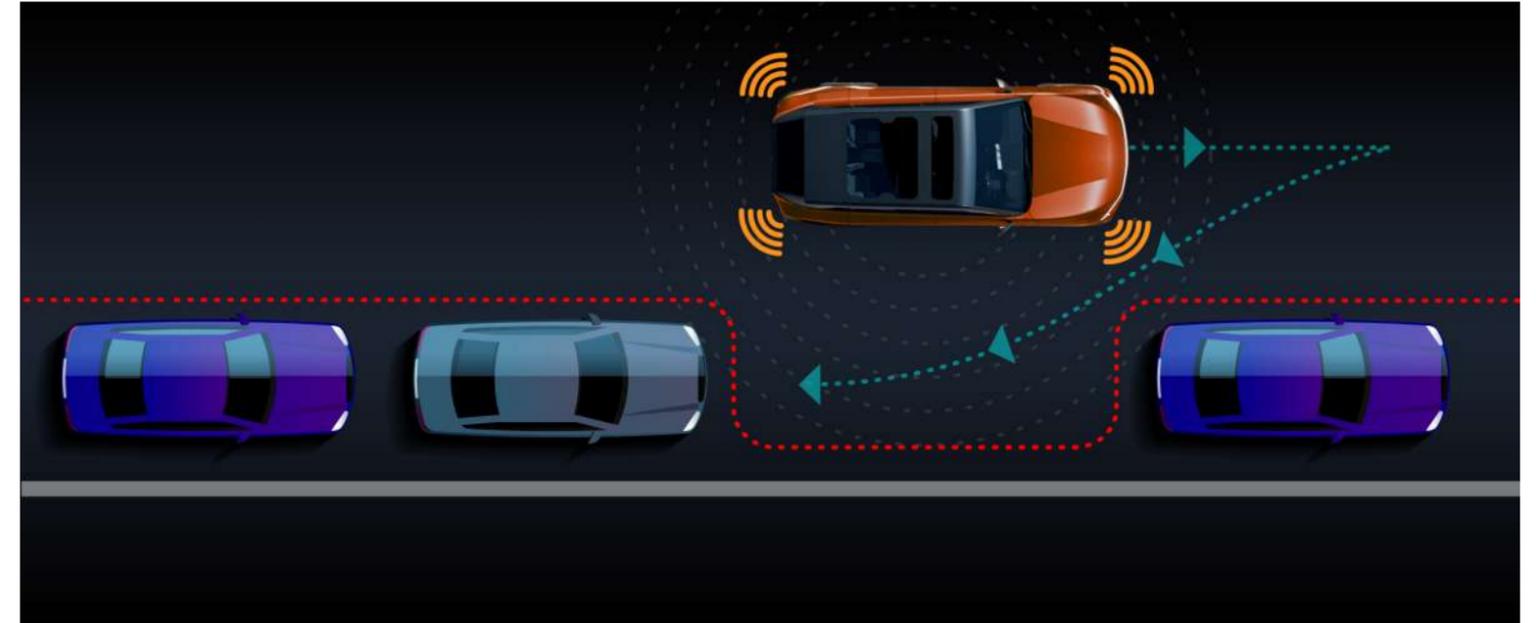
A 77GHz solid state radar penetrates fog, mist, and rain to warn you of any imminent obstacle or object. With Future software updates Pravaig will enable Automatic Emergency Braking across all Defy vehicles utilizing this radar.

Exhaustive Location Sensor Suite

2x Global Positioning Systems for understanding where Defy is in the world.

3x Inertial Measurement Units for understanding which direction is the speed vector.

2x Gyroscopes for understanding and cross checking 3 Dimensional forces applied.

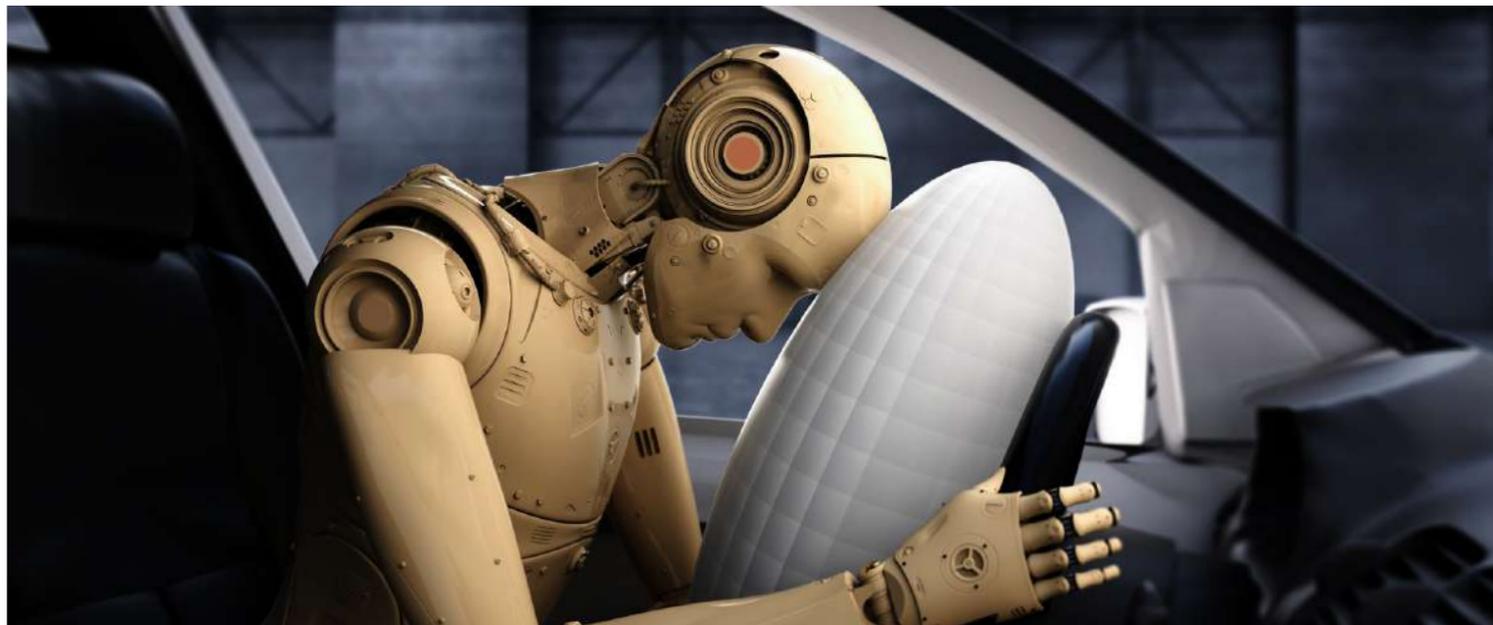
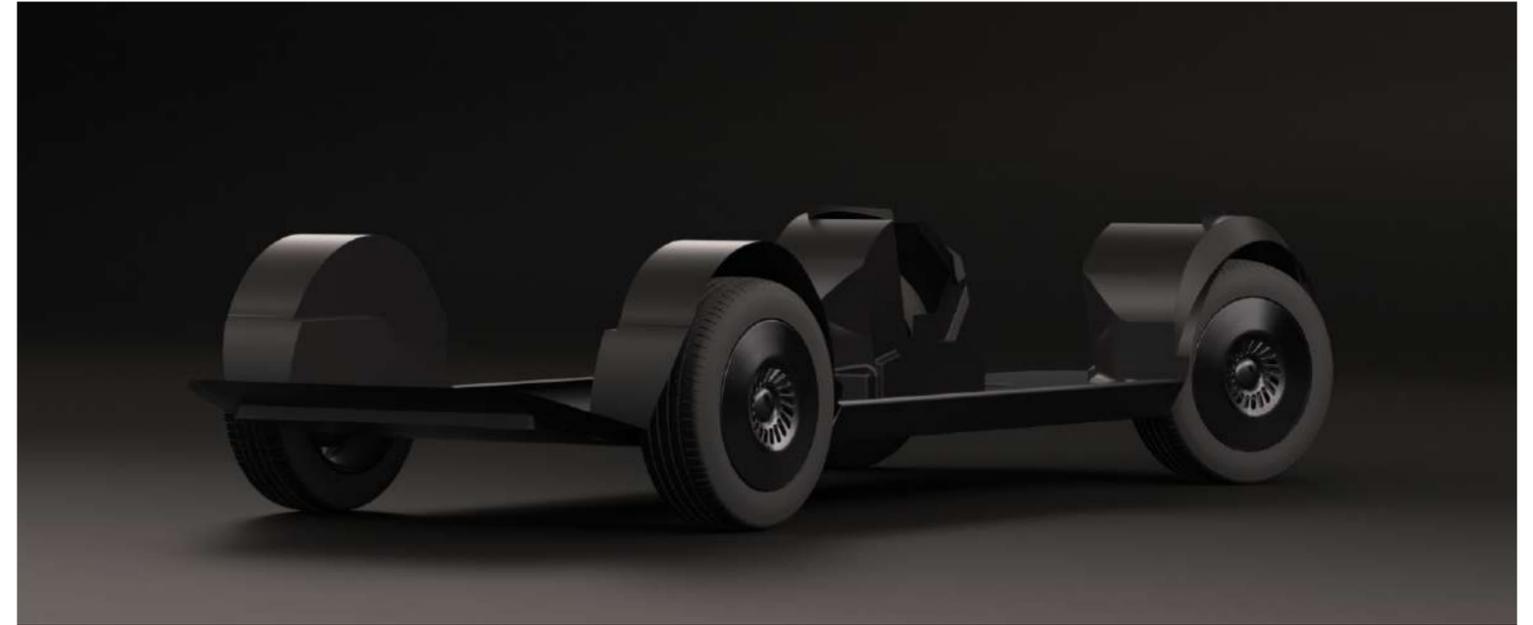


Ultrasonic sensors

12 ultrasonic sensors around the periphery of the Defy ensure a 360 coverage. With a high accuracy these sensors are able to detect objects, humans, and animals if any in the immediate vicinity of your Defy. At low speeds this augments your senses and ensures you have a full sense of the surroundings for any tight manoeuvres.

Tyre pressure monitoring system

Ensuring optimum range and comfort, Pravaig's TPMS is a pair of sensor that provides real time monitoring and alerts whenever the tyre pressure is either high or low. The TPMS has high accuracy, is sturdy, and extremely long lasting. Maintaining the ideal tyre pressure on the Defy is a breeze.



6 air bags standard

All sides are protected with individual air bags in all captain seats. Front passenger side and driver airbags for safety come standard. The highest quality airbags from the most experienced suppliers in the world, built on many decades of ensuring safety for you and your family. Defy is one of the safest cars on global roads.

EQUIPMENT & SERVICES



EXTERIOR PAINTWORK



Bordeaux

EXTERIOR PAINTWORK



556 Green



Haldi Yellow



Emperor Purple



Siachen Blue

EXTERIOR PAINTWORK



Shani Black



Anti Flash White



Moon Grey



Lithium

INTERIOR TRIMS

BLACK



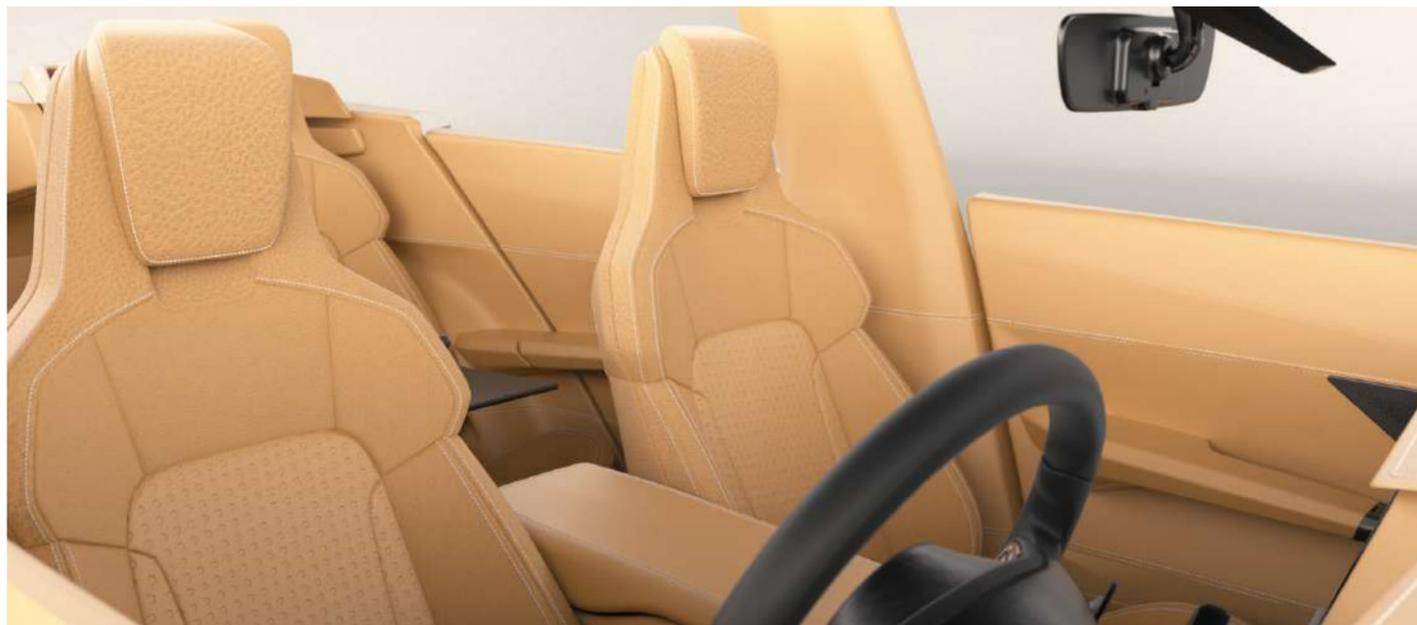
INTERIOR TRIMS



Grey



Tan



Beige



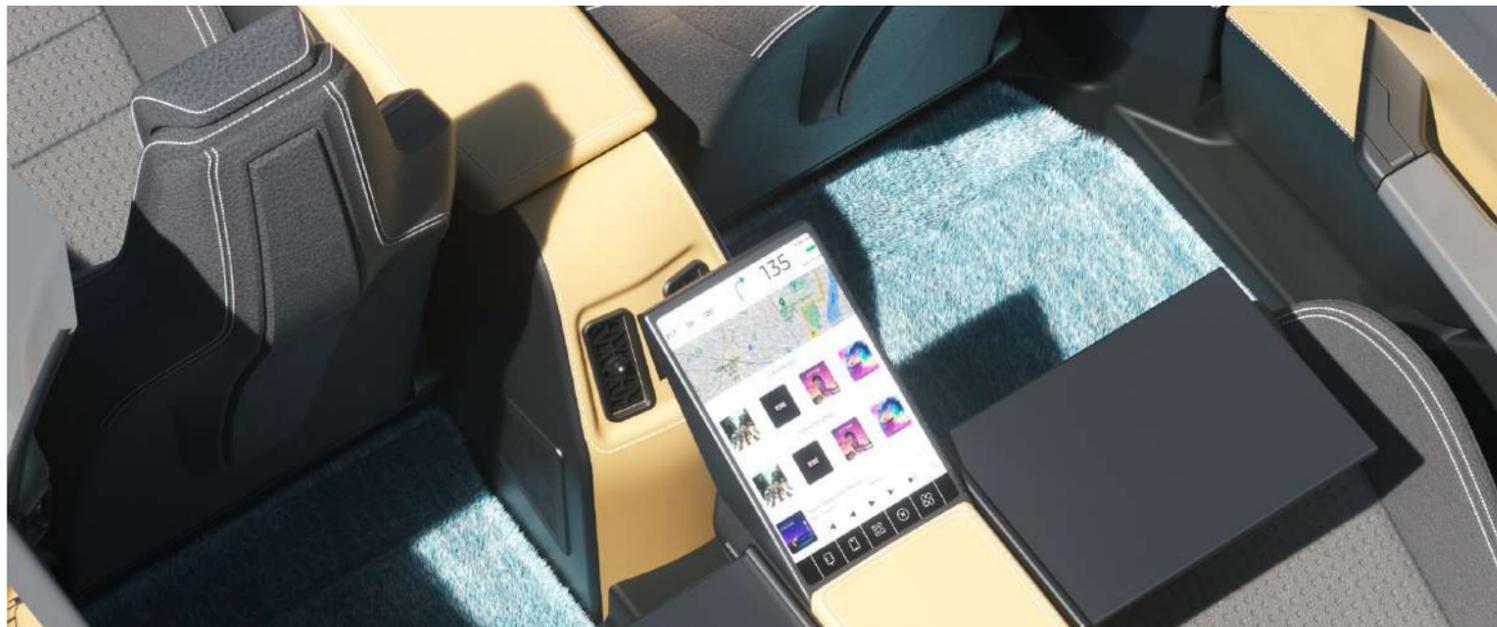
White

EQUIPMENT



Wheels

Standard high strength 18 inch alloys with 255/65 size All Terrain tyres. Aero Covers are optional, these add upto 10kms+ range per charge, especially on highway and higher speed routes.



Carpets

Matched to your selected interiors, the standard package includes Carpets made of Sustainable rubber, made with recycled tyres, extremely tough and very easy to clean. Options include thick vegan leather and fluffy velvet, both of which provide improved acoustic insulation and comfort.

Passenger First Package

An optional Business Cocoon that transforms your Defy into the same experience as a business class intercontinental flight. With 2X brilliant 15.6" Screens never miss a beat of your content. 2 sturdy tables that can accommodate 15 inch laptops increase productivity and allow you to eat on the go. A 240V Outlet ensures any device can be powered, maybe even a Dyson hair shaper. 2 additional Power Delivery USBC ports for more devices, coupled with a wireless charger.



CHARGING INFRA & CONNECTIVITY

PRIMA



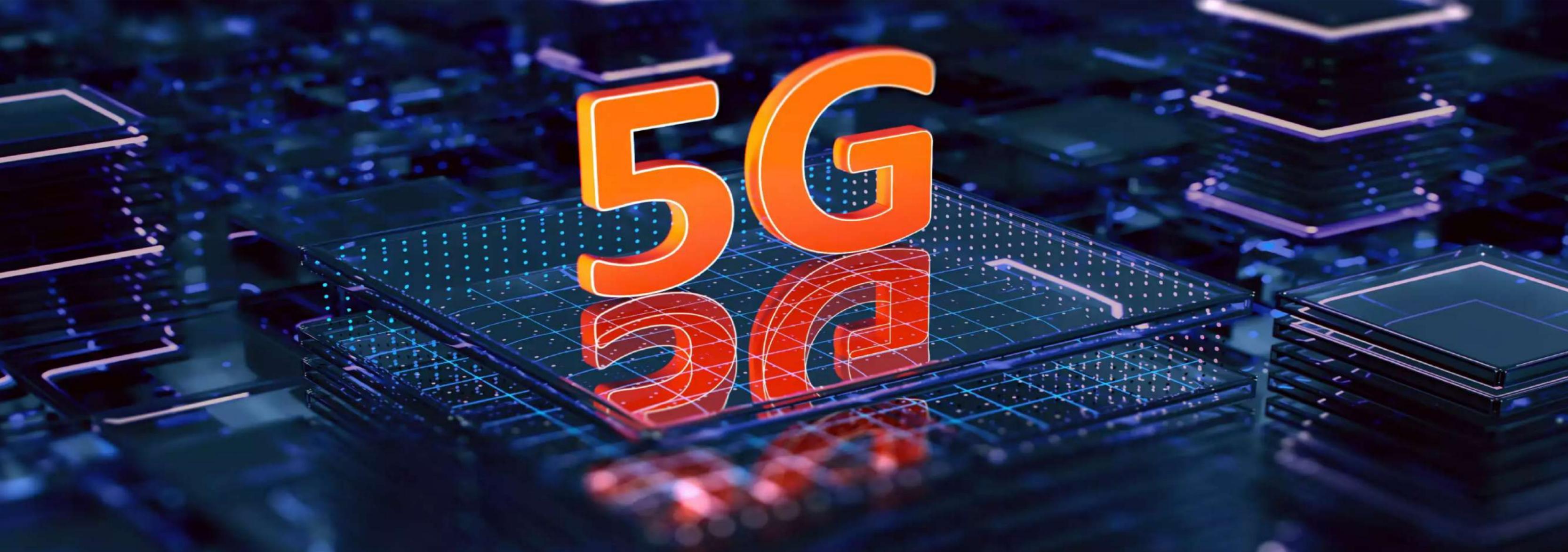
Charging Infrastructure

Equipped with both home charging & fast charging solutions, you can charge Defy with ease. The optional home charger will give a significantly high charge rate of upto 7.2 kW, which will do a typical top up of 300 kms in 8 hours. Pravaig is partnered with all the leading charging infrastructure providers, with thousands of chargers available at the tap of a button on the MultiFace. Use the Pravaig Keycard for paying at the station and charge and go at the supported advanced stations. Thanks to the powerful DC charging system, Defy charges with up to 150 kW chargers at most high power charging stations. Thus many times faster than at a conventional household socket and one of the best globally.



Connectivity Package

5G Connected Car Features and Services. Persistent 5G network for your vehicles everywhere in India. No need to fiddle with any networks/wifi, Defy is always connected and provides ultrafast 5G streaming and navigation. The First Year is included in the base price with options to extend the connectivity package for a seamless experience, even upto 5 years.

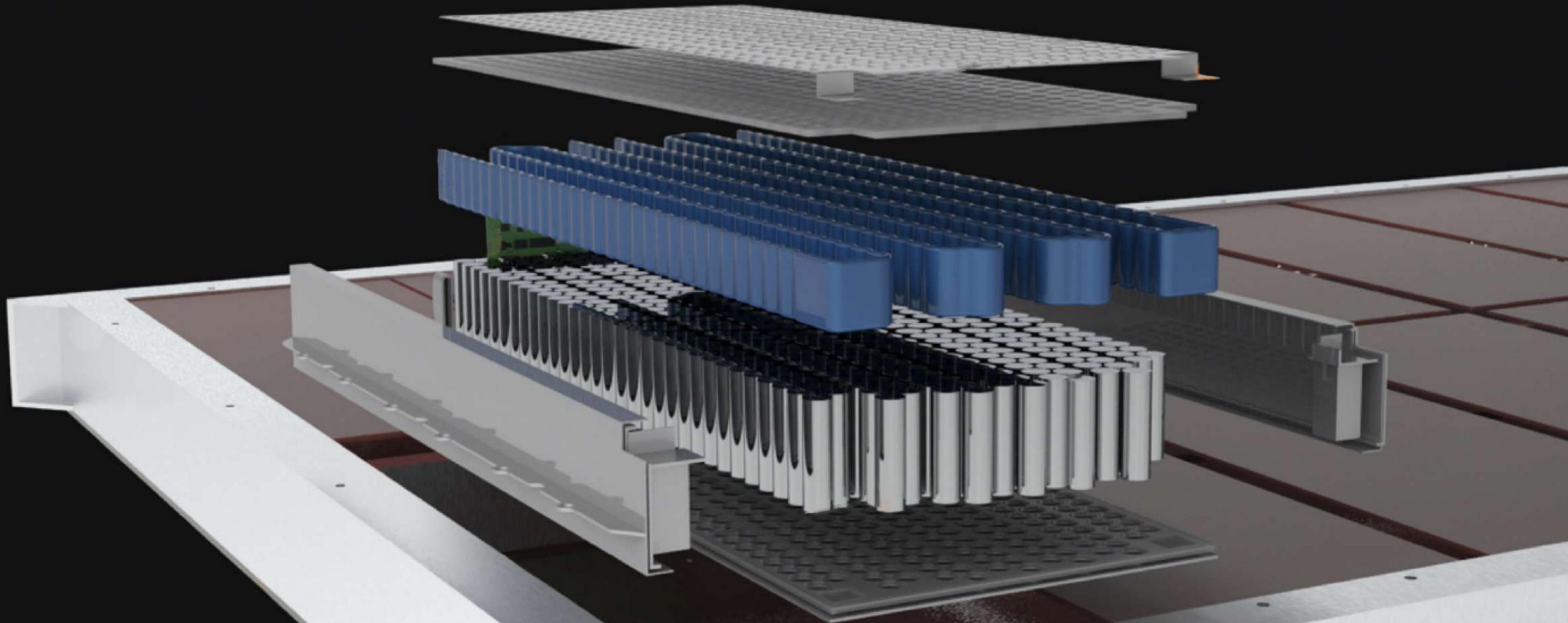


SERVICE



Right & Ease of Repair

Pravaig strives to lower the cost and time of repair, for truly changing the industry norm. Service and Genuine Parts available at over 34000 PIN codes across India and emergency on road assistance is available for your Defy. Defy is built the best, with only the best. With a network of the best global suppliers, every spare part in Defy is crafted to the state-of-the-art standards of Pravaig, protecting your vehicle's performance while maintaining the style, comfort and safety, for the years to come. Get full access to repair Defy with detailed videos and assistance. This enables true ownership of the hardware. No planned obsolescence with full upgradability. Defy gets better with age.



Pravaig Maintenance Package

Take advantage of the Pravaig Maintenance Package for the ultimate peace of mind. This Extended Maintenance Program begins after your usual 1-year complimentary service expires, but it can be extended up to a further 4-years for a small fee. Additionally, it includes a host of benefits for a worry-free time with your Defy. There is no better way to maintain your Defy than this. Say goodbye to ongoing service costs with the Pravaig Maintenance Packages by paying a defined cost of maintenance. Benefit from this offer with no hidden costs, speedy turnaround times, and low wait times.



Hacker Edition

Battery

90 kWh

Acceleration

4.9 seconds 0-100 km/h

Top speed

210.2 km/h

Range

500+ km per full charge

Drive

All wheel drive, Dual Motor
620 Nm Torque

Storage

Frunk 80L, Boot Space 600L

Ground Clearance

233.6 mm

Wheels

255/65 R18

Weight

2061 kg

Fast Charging

80% in 30 minutes

Suspension

Independent Double wishbone with adjustable coil overs
Suspension Travel 220 mm

Seating

4 adults

Water Wading Capability

900 mm

Music System

Devialet Premium Sound

Safety & Assistance

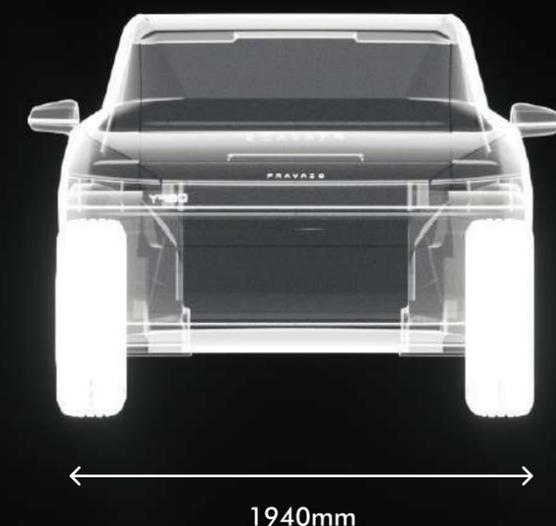
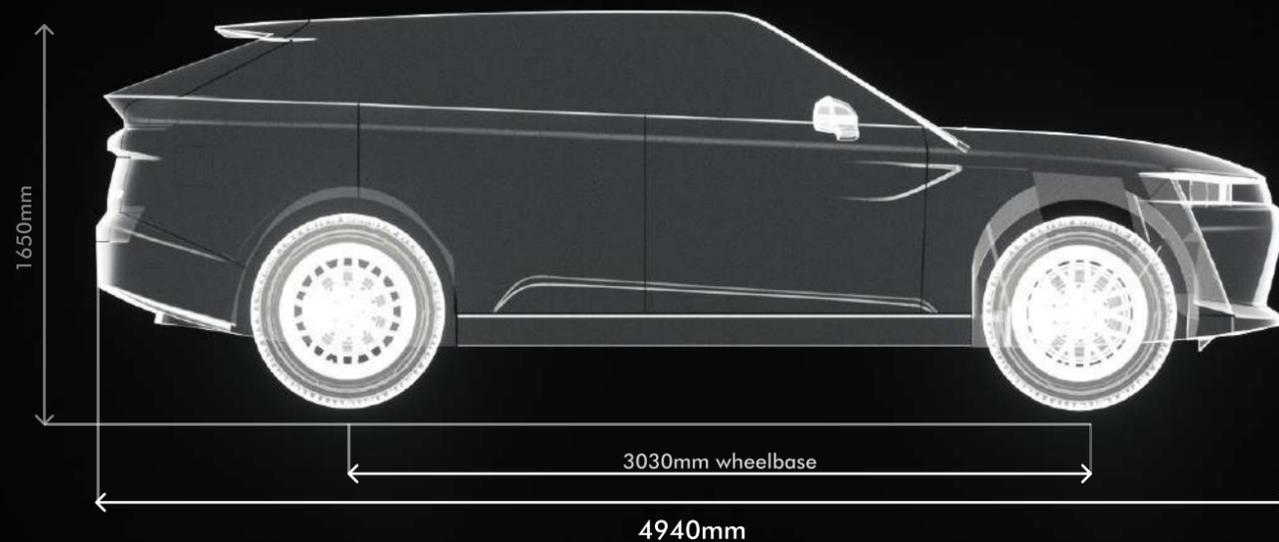
Front airbags & individual seat airbags
ABS & Electronic Stability Control
Anti-theft alarm & immobilizer system
Electronic Brake Force Distribution
Front & rear parking sensors
Intelligent Tyre Pressure Monitoring System (ITPMS)
3-point safety belts with pretensioners, load limiters

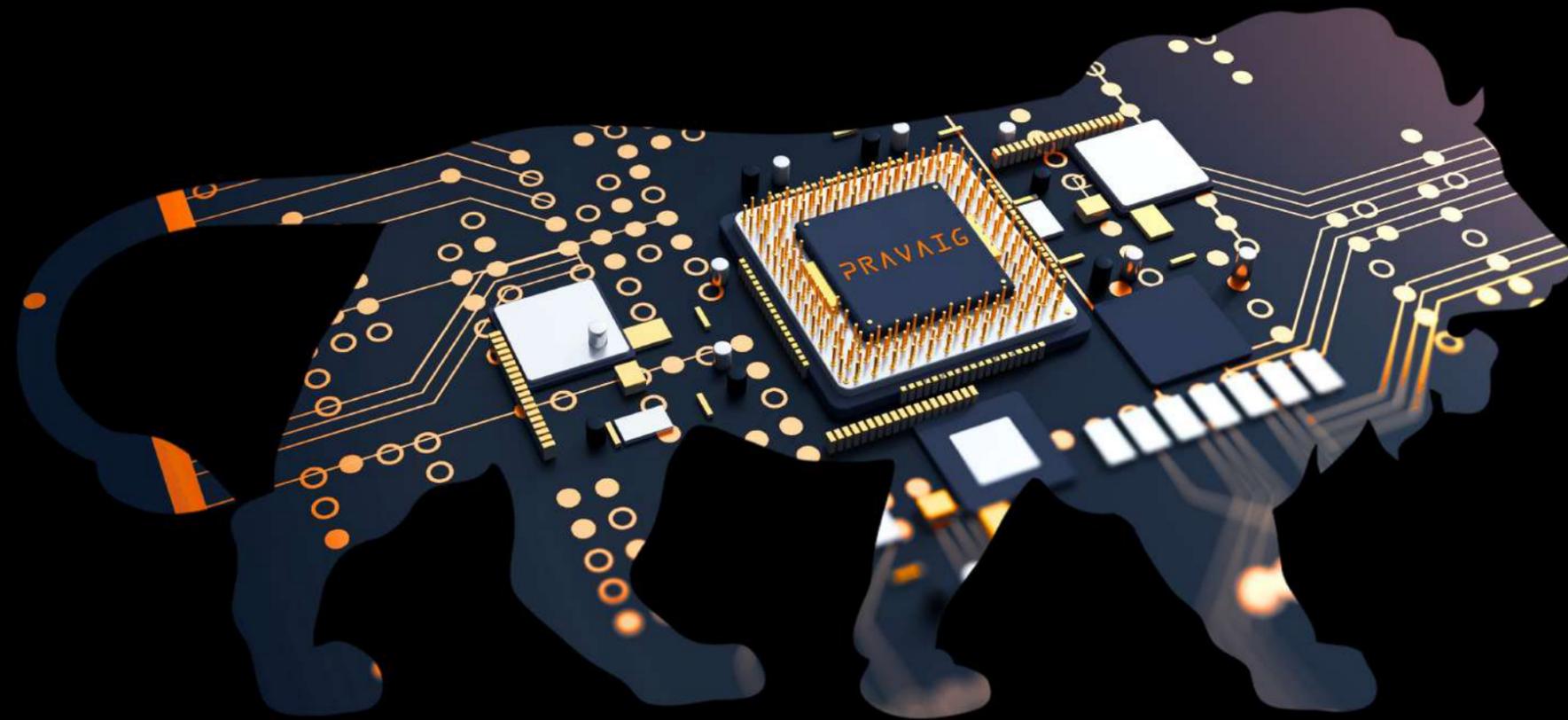
Exteriors

Split tailgate
Windows: one-touch up/down
Automatic Coach Doors
Glass Roof
Auto-Dimming: rear view mirror
Tinted glass with UV & infrared protection
360-degree parking camera

Interiors

Upcycled premium upholstery
Climate control
HEPA Air-filter
In-car 5G Internet, streaming music & media
6-way power adjustable seats





DESIGNED, ENGINEERED, & BUILT IN INDIA

