

Our Beliefs

We believe there is a future where the natural world and the man-made world harmoniously co-exist — each nourishing the other in sustainable balance. Getting there requires harnessing the power of technology to effect beneficial change. We believe such a future is within our grasp — so long as we have the courage and the will to act.

We are thoughtful, unyielding, and inspired to move the world in better, cleaner, more intelligent ways that effortlessly connect us to how we choose to live. The future is calling us to engage now, to shape it positively for all generations. Join us as we venture forward.



FFZERO1 Concept

Faraday Future's FFZERO1 Concept began one evening as the workday came to a close. SVP of R&D and Engineering Nick Sampson spotted a drawing of a racecar on a designer's desk and thought: "That's incredible. We should build this on our platform." At first, design and engineering team members would gather on evenings and weekends to collaborate in bringing the racecar to life. Within weeks, the FFZERO1 Concept would become a parallel study, and a proving ground from which the team could draw inspiration and solutions for a future range of electric vehicles.

"The racecar features the same design and engineering concepts that we're including in our production vehicle...but with everything *amplified*."

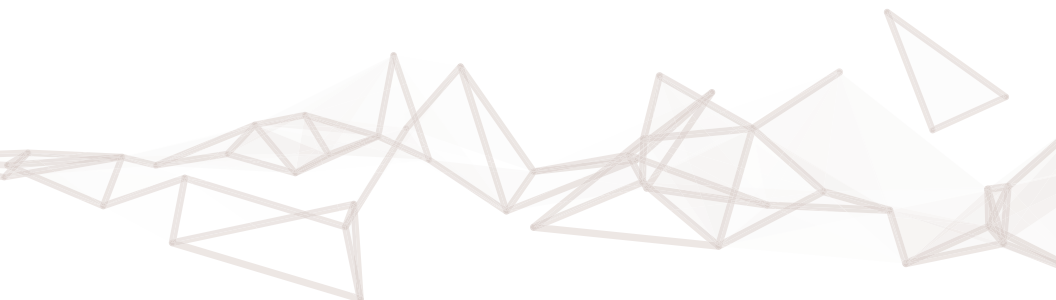
—— Richard Kim, Head of Global Design





“Imagine the ability to seamlessly connect and navigate between multiple environments with a vehicle that intuitively knows who you are.”

— Christian Eckert, Head of UI/UX Design



Connected racing that's more than highly responsive — it's highly *intuitive* driver-driven design.

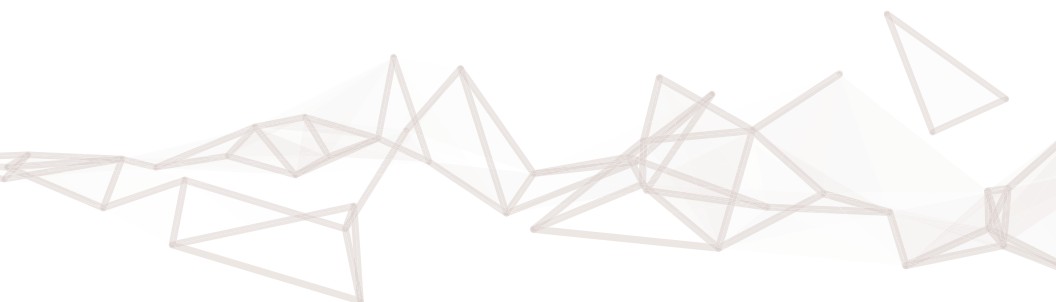
We design from the inside out. Our goal was to build a car with a sixth sense for its driver's intentions and needs. One with adaptive personalization, seamless transfer of custom vehicle configurations, access to live images, and real time data visualization. The car's user interface is primarily screen-based, and extends to an advanced head-up display within the helmet that, like a personal driving instructor, provides key information precisely when needed.





“We may not have the legacy of other automakers, but the DNA we’re creating here will form a strong future heritage.”

—— Pontus Fontaeus, Chief Designer, Interiors



Car and driver as 1 – in more ways than one.

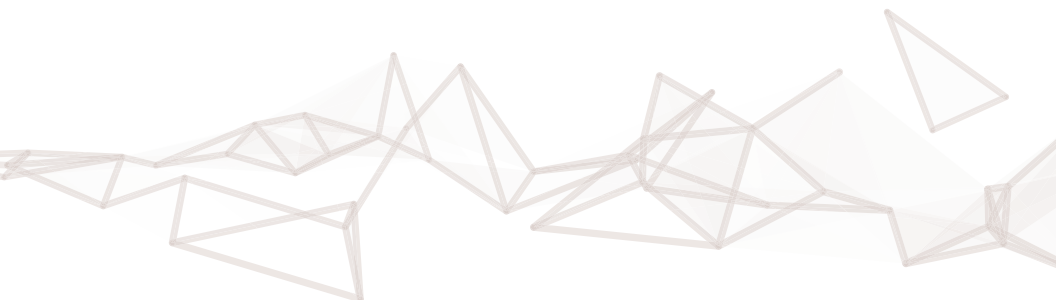
The cockpit of the FFZER01 Concept guarantees unparalleled control. The asymmetric instrument panel runs seamlessly into a unique halo safety structure, which additionally provides attachment points for the secure helmet system. The driver’s seat, inspired by NASA ‘zero gravity’ research, isolates the single most comfortable and weightless seating position, and rises from the exposed carbon fiber vehicle structure itself.





“To design a racecar with a white interior is not the typical choice. But this is an electric car — it’s clean, it’s pure. This unique approach is what sets us apart. We’re taking chances to make a profound difference.”

—— Sue Neuhauser, Chief Designer, Color & Materials



Embracing *contrasts*, blending the elegant with the athletic, the refined with the untamed.

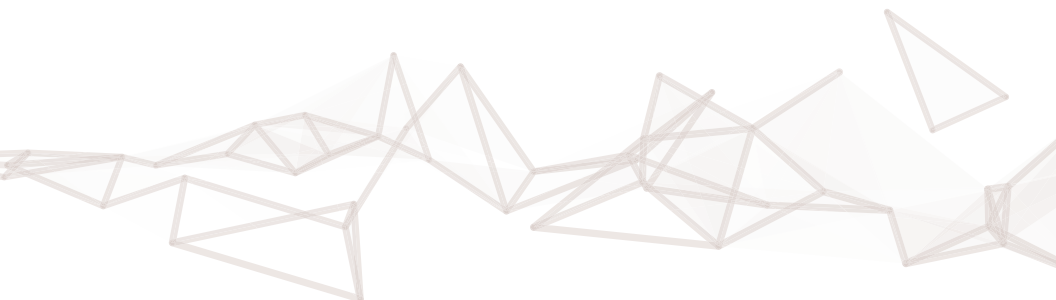
Lines, shapes, colors, and graphics flow organically back and forth with geometric precision, creating a visual seamlessness that cocoons the driver inside the cockpit. Highlighting the contrast between dark and light, matte and high gloss, smooth and three dimensional textures, the interior blends holistically with elements of the exterior to create a strikingly clean, elegant, and pure way of conveying confident power.





“On our platform, EVs will not only be good for the environment, they’ll be a thrill to drive.”

—— Nick Sampson, SVP of R&D and Engineering



Variable Platform Architecture (VPA)

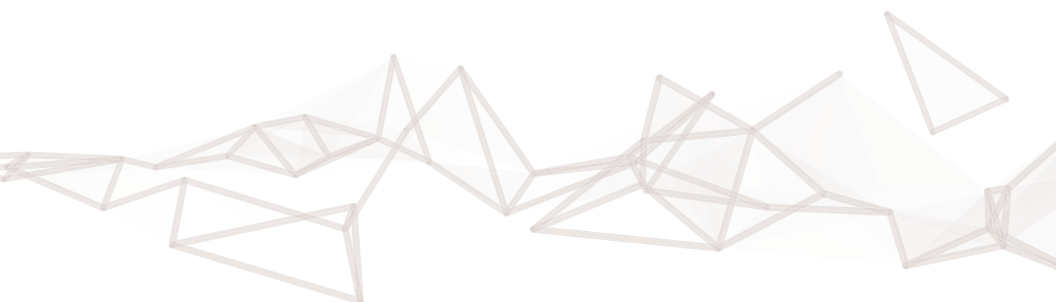
For the powertrain, we started from the ground up with our Variable Platform Architecture (VPA). It features a new battery structure that’s centrally placed for integrity and arranged into modular strings. Highly adaptable, this architecture can be easily configured for different sized wheelbases by adding or subtracting strings. VPA, plus four motors and a high-performance, race-bred suspension with advanced vehicle dynamic control and torque vectoring all add up to superior driving stability with uncompromised power.





“A distinct ‘UFO line’ circles around the center of the sculptural body, creating an undeniable sense that this car is not of this world.”

— Page Beermann, Chief Designer, Exteriors



A new approach to *form* and structure.

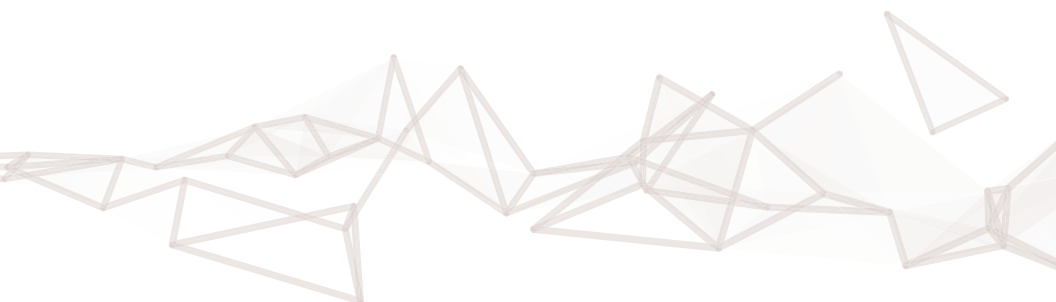
Sculpted by aerodynamics for driving performance and efficiency, the smooth, flowing surfaces of the FFZERO1 Concept morph from one unique element to another, creating volumes that tightly embrace the driver. The result is an ideal environment for high performance operation. The tail fin provides directional stability while doubling as a digital canvas, displaying charge level, driver name, and position on the track.





“The way we work is totally authentic to who we are. We are creating the most advanced mobility products using the most advanced, all-digital design process.”

—— Richard Kim, Head of Global Design



Offering a contrasting *vision*.

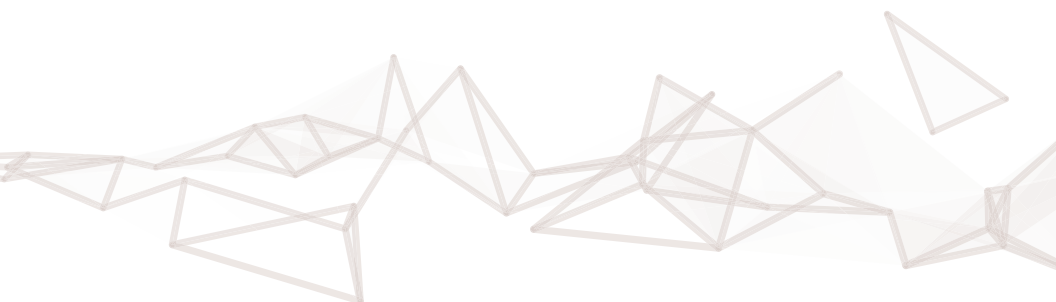
The monovolume, purposeful silhouette of the FFZERO1 Concept reveals the ideal driving position, around which the whole car is molded. The exterior flows into the cockpit, blurring the boundaries between cabin and body, man and machine. The canopy is placed dramatically forward on the vehicle, giving the driver a commanding sense of control. Micro projector headlamps with dynamic orientation offer maximum visibility to the road ahead. Design elements — such as color, panels, and textures — blend organically between interior and exterior.





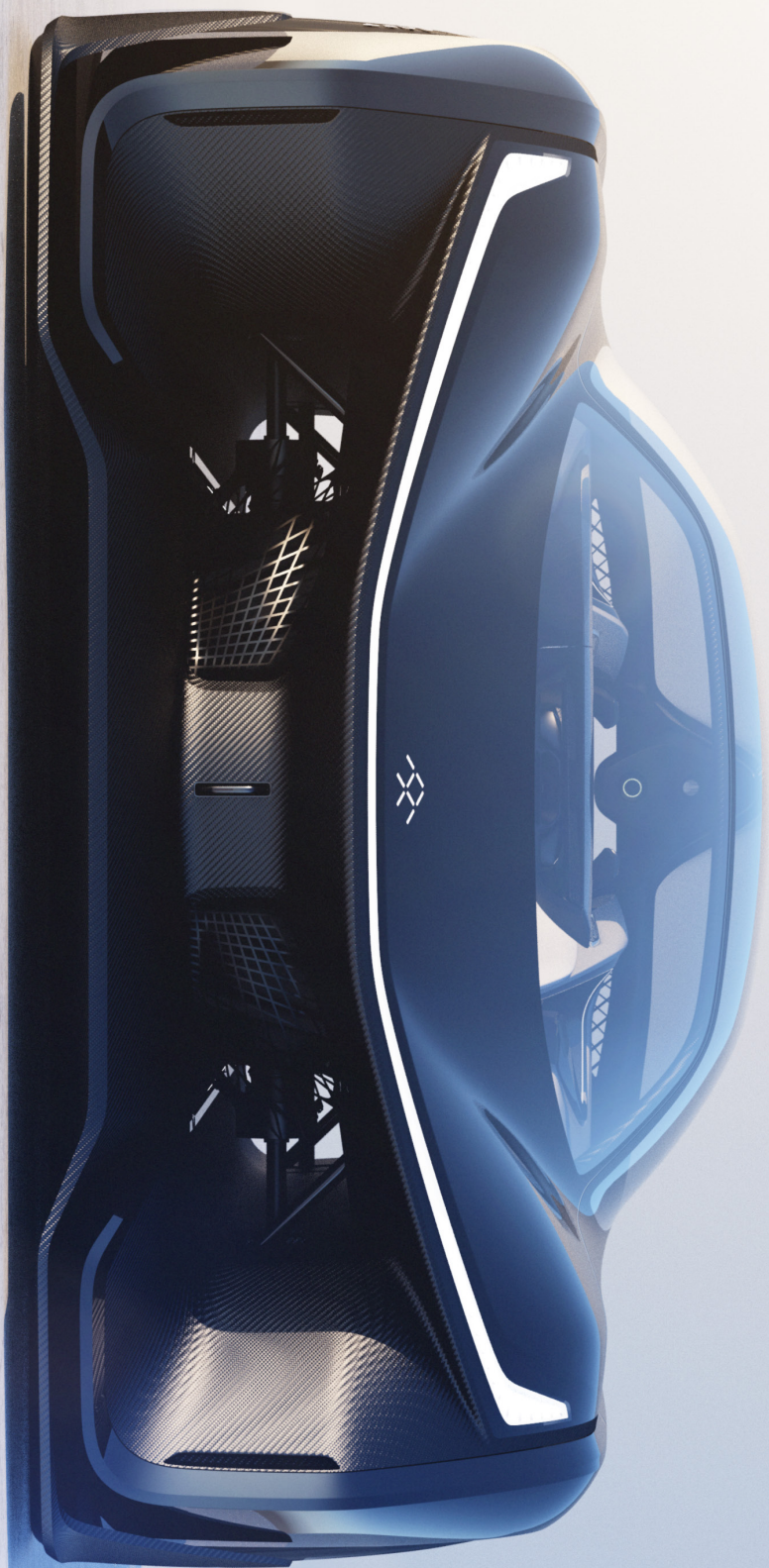
“FF attracts risk takers and free thinkers, and this car is our skunkworks project. We asked our designers to abandon the past ways of thinking and build their own fresh, new vision.”

—— Nick Gronenthal, Creative Manager, Exteriors



Crafting a mastery of *movement*.

Aerodynamics – the interaction of air upon moving bodies – is an essential component in FFZERO1 Concept’s design and engineering. The carbon fiber and lightweight composite body yields to the path of air, allowing it to tunnel through a conduit that runs the length of the vehicle. This radically reduces drag, resulting in greater power efficiency, higher top speeds, and optimal battery and motor cooling.





The Near Future

The FFZERO1 Concept represents a benchmark for our engineering and design vision, and a glimpse into the future: delivering a range of intuitive, seamlessly connected electric vehicles that will advance future mobility solutions for society.

“We are extremely proud of the fact that what we’ve created goes beyond performance and speaks to the flexibility and speed at which we work, as well as the forward-thinking nature of our business.”

—— Nick Sampson, SVP of R&D and Engineering





“This is not a job, this is the kind of opportunity a designer can only dream of.”

—— Hanbin Youn, Lead Designer, Exteriors

FFZERO1 Concept: Projected Specs

Powertrain

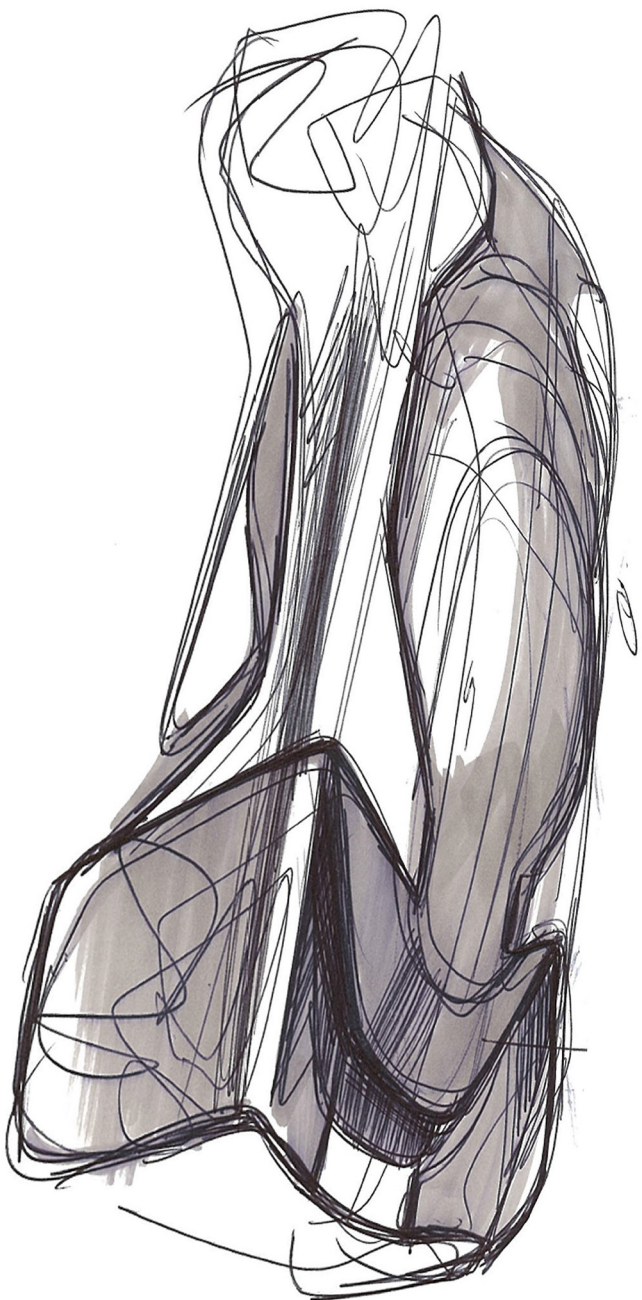
- 4 Quad Core Motors with over 1,000 horsepower
- 0-60 in less than 3 seconds
- Top speed: +200MPH

Interior

- Single seat occupancy surrounded by newly developed high-performance materials
- A fully-connected car featuring intuitive UI for integration between virtual and head-up displays
- Smartphone-connected remote vehicle setup and anticipatory personalization; capable of live analysis of vehicle systems

Exterior

- Innovative carbon fiber and lightweight composite construction
- Advanced high performance racing suspension
- Advanced vehicle dynamic control and torque vectoring
- Radically reduced drag and battery cooling through aero tunnel design



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To see this original sketch of the FFZERO1 Concept come to life on your phone, download the free Faraday Future Concept app.





Nick Sampson

Senior Vice President of R&D and Engineering

Nick Sampson brings 35 years of knowledge in lean vehicle systems, adaptive chassis, automotive safety, and modular systems to Faraday Future. Nick started at Jaguar managing the development of the XJ6 sedan and XK8 sports car. He then moved on to design, engineer, and manage the production of winning race vehicles in the prestigious British Touring Car Championship. Afterward, Nick joined Lotus Engineering where he led multi-disciplinary teams of up to 300 engineers designing new adaptable platforms and implementing long-term product strategies. Prior to joining Faraday Future, Nick served as the Director of Vehicle and Chassis Engineering at Tesla Motors.

Richard Kim

Head of Global Design

Richard Kim started as a designer with the Audi/Seat/Lamborghini Advanced Design Center in Barcelona before eventually joining BMW Group where he was responsible for creating automotive and transportation design solutions. In 2008, Richard was one of the lead designers and a founding member of the BMW i team where he focused on the visionary BMW i3 production vehicle. He relocated to Munich, Germany in 2010 to lead the design, build, and support press launches for the BMW i3 and BMW i8 concepts debuted at the IAA Frankfurt Auto Show. In the following year, Richard's design for the BMW i8 Spyder was unveiled at the Beijing Auto Show. Outside of BMW Group programs, Richard has worked on private jet interiors for Embraer and luxury yachts for Intermarine under Designworks USA, a subsidiary of BMW. He also recently managed the design team for Special Programs & Group Design: Audi, Bentley, Porsche at the VW Group Design Center in Santa Monica. Richard has served as a faculty member at the Art Center College of Design since 2007.



Faraday Future

Headquartered in California, our global team leverages the talents of leading thinkers and passionate creators from the automotive, technology, aerospace, and digital content industries. We are developing clean, intuitive, seamlessly connected electric vehicles that will advance future mobility solutions for society by consistently challenging the status quo, reinventing our processes, and embracing new technologies.