

There are two types of car design - correct design, and passionate design. Expressed differently, logic and inspiration. 99.9% of cars on the world's roads fall into the former category. Economical, safe and comfortable. Cars suitable for our age. But these cars don't get your heart pounding.

We at Aspark are bringing something new to the table. We're injecting a fresh sense of surprise and excitement int today's logic-goverened world. The first stage of our plan revolves around the Owl, our premium electric supercar. A simple car, it offers unprecedented speed and beauty.

The Owl is not a car for everyone, only a select few can appreciate the true value of Owl. When was the last time your heart raced and your excitement spiked while driving?



1.99* seconds

in

* standing start, no roll out

For the Owl's design concept, we focused on making conventional supercars look slow.

As the lights turn green Owl kills its prey, as you rocket from stand still to 100km/h in 1.99 seconds, your heart will race, welcome to the world of Owl.

Owl is not just to break records. Available to a select few to unleash on the world's roads, and utilising the latest in electric technology, Owl is a different experience, like nothing you can experience in any other road car.

Join the Parliament, only 50 will be made of this unique car, an exclusive club only open to the brave.



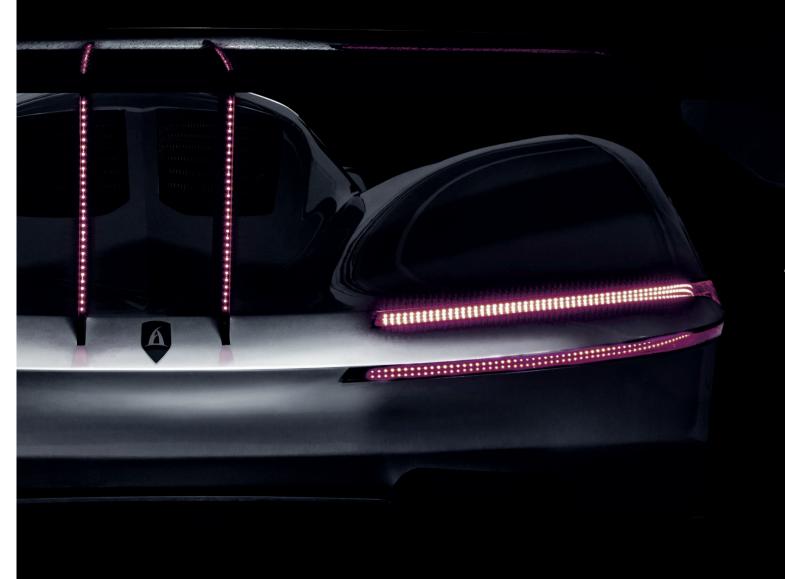


For Owl beauty is a given, just like the bird of prey.

Car design is subject to numerous limitations: aerodynamics, performance and styling are just a few of the considerations that Aspark Engineers considered in the body design of the Owl concept.

The result, a car the likes of which the world has never seen.





We gave the Owl a unique sleek low profile front design to turn heads, and a rear design that leaves a lasting impression as it disappears towards the horizon.





Electric cars are becoming the norm, numerous options now exist but where's the fun in being normal? Designing a car that just looks different is not enough, designing one that makes your heart race is the ultimate.

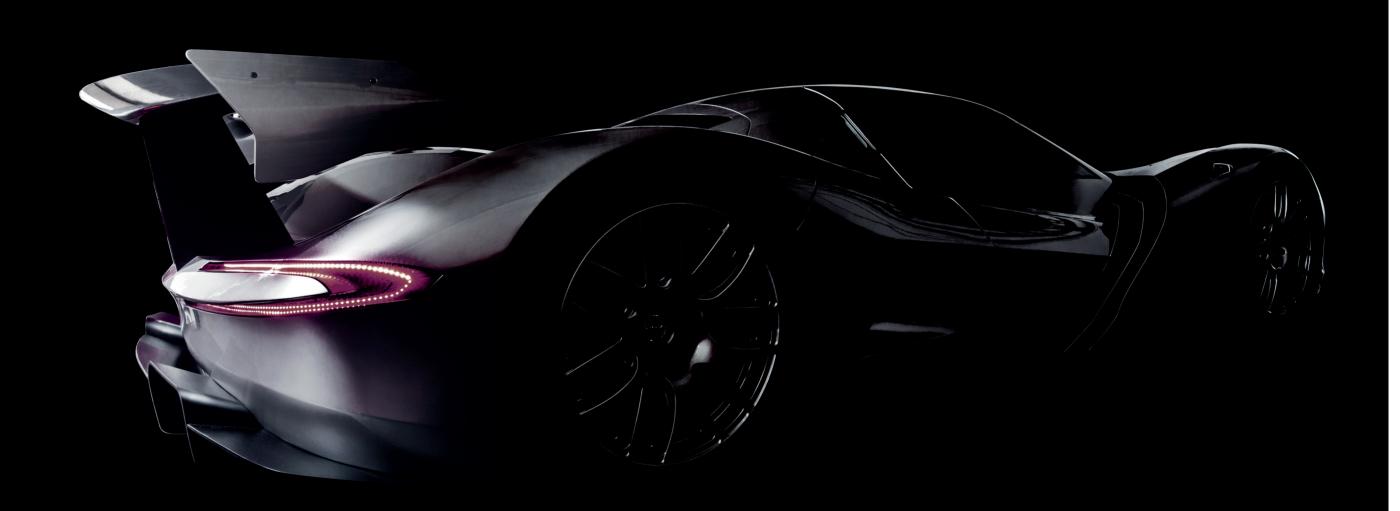
The Owl lets drivers experience faster acceleration than anything previously possible. Development began with finding European partners willing to accept the seemingly impossible challenge of accelerating from zero to 100Kph in less than 1.99 seconds.

We have achieved that goal and with it a vehicle that will not only stand out in a crowd, accelerate faster than your wildest dream, but also provide sheer driving pleasure.



The Owl prototype has a 4wd powertrain configuration with two 140kw electric motors at the front of the powertrain and two 300kw motors at the rear. This gives a combined total power output of 880Kw which has been optimised to propel the Owl from zero to 100Kph in less than 1.99 seconds. An acceleration time of zero to 100Kph in less than 1.99 seconds cannot be achieved with just pure performance alone, control of that performance is key.

Achieving this target would be dependent on how we could effectively transfer the power to the road surface and prevent tyre slip. A torque vectoring control system with sensors constantly monitoring vehicle dynamics sends exactly the right amount of power to each of the four wheels.







The body is a lightweight carbon fibre composite tub construction which was bought to life after many hours of attention to detail to hone the final design.

Even the exterior paint surfaces came under scrutiny, presenting a challenge to the Owl design team. To help achieve our acceleration goals, the weight of the Owl's metallic paint would prove to be an important factor and one that the design team overcame to achieve an effective balance between weight and exterior surface quality.

The interior design also proved to be an interesting challenge for the Aspark Engineers. With an external roof height of just 98 centimetres and a very low ground clearance, the drivers position to ensure appropriate visibility and car control was challenging but a unique seating solution ensures the criteria for the Owl's interior has been met. Varying interior finishes will be offered to support the Owl's unique cabin area which includes Owl's mirrorless concept featuring dashboard monitors.



Vehicle Performance	
0-100km/h:	1.99s (Standing Start/ With Road Le
100-0km/h(Min):	1.99s
Top Speed(Min):	280km/h
Drive Range:	300km

4791mm

1935mm

2750mm

Powertrain Data

ors : 4PMSM l Power(Min): 860KW(1150bhp)

Dimensions

Length: Width: Height: Wheelbase(Max):

Body

Dry Weight(Min): 1460kg Chassis: Carbon Fiber Monocoque Body: Full CFRP Front & Rear Carbon Ceramic Discs Braking: Brake Caliper Front: 6 Piston Brake Caliper Rear: 4 Piston Suspension: Front & Rear Double Wishbone Two Seater LHD

Battery Pack Cells Type: Lithium Ion Battery Canacity(Min): 50KW

Capacity(Min): 50KW Fast Charging: enable Voltage(Min): 750V

Driver AIDS

Driving Mode: Multiple (Normal & Acceleration modes) Climate Control System: Heating & Air-Conditioning Front & Rear Axle Torque Vectoring

Mirror System

Digital Side-View Mirrors

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Below are links for tracking the progress of OWL project: OWL Official Web Site: www.aspark.co.jp/ev/index_eng.html OWL Website for Paris Motor Show 2018: www.aspark.co.jp/ev/mondialparismotorshow/

*Specifications are subject to change as the vehicle is still under development.