

#### The Power is in our Nature





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The most astonishing performance of the Owl is the acceleration: from 0 to 60 mph in 1.69 seconds\*. With 4 PMSM that produce 2012 horsepower (1480 kW), the Owl has a unique battery pack for a range of up to 450 km. Top speed is 400 km/h. The Owl has a height of 99 cm: probably the lowest road legal electric hypercar in the world.

\*one foot rollout

## The most powerful. The fastest accelerating.



Engineering and car manufacturing from Osaka to the world.

Aspark was founded in October 2005 by Masanori Yoshida. The company now has more than 25 offices worldwide (in Japan, Indonesia, Thailand, and Switzerland) with over 3,300 employees. Aspark is nowadays one of the Asian leading companies in the provision of engineering services for the automotive industry, as well as for electronic and industrial sectors. Moreover, with the launch of Owl, the full-electric hypercar project, Aspark has become a car manufacturer with its development center based in Japan and the Owl development and production center based in Turin, Italy, in the facility of its local collaborator. Lines of business include consulting services, program development and software services, medical services.



## The history of Owl.





The idea of a full-electric hypercar comes in 2014. At that time it was hard to imagine a hypercar with an electric motor.





In September Aspark unveils the concept version of the full-electric hypercar at the Frankfurt International Motor Show. The first company in the world.





In 2015, with the opening of the R&D center in Tochigi Prefecture in partnership with Ikeya Formula, Aspark launches the initial development of Owl. The first prototypes are built and go under test until 2017.





February 8, 2018: Aspark finishes the first part of a physical acceleration test at the development center in Tochigi with great success in front of media: from 0 to 100 kph in 1.89 seconds. The best in history.





European premiere of the production version of the Owl at Geneva Motor Show. Delivery of the Owl to customers is scheduled for the second quarter of the year.





The final development and build start. The production version of the Owl is unveiled at Dubai International Motor Show.

## Great performances but never shouty.

The Owl is a hypercar with great performances but never shouty or edgy, capable to convey femininity and luxury

feel. In the exterior the volumes are soft, crossed with tensions which bring back all the astonishing power the Owl

has. Differences between the production version and the original concept presented at the 2017 Frankfurt Motor

Show are huge. Two external mirrors have been added; they perfectly mix with the charm of the car and increase safety. The shape of side glass now is completely different. The active rear wing, when closed, completes the Owl elegant shape: when it comes out the Owl looks like the bird of prey, helping to reach the performances.





## The power of beauty.

The interior of the car evokes a modern concept of luxury. Every single element seems to be floaty and light but at the same time strongly dynamic. Elegant lines run along the driver and passenger sides to match with the exterior. Switches now are on the ceiling: it seems to sit inside a cockpit.





Body and chassis entirely made by carbon fiber, four electric motors, a unique torque vectoring system, and a powerful battery pack, the full-electric hypercar Owl is a compendium of state-of-the-art technology, design and functionality, mixed with a genuine passion for beauty.

# Ine electric





Battery type Lithium ion



Voltage VdC  $\otimes$ 

#### Charging (44 KW) 80 minutes



## A bespoke service at your disposal.

For its customers Aspark offers a bespoke after-sales service, ranging from preliminary management of specific issues via phone or digital platforms to the immediate deployment of a special team directly

to the customer anywhere in the world.





The Owl team will monitor and follow each maintenance plan - based on the needs of the customer - with the greatest accuracy. Parts and components can be repaired or replaced at the European maintenance center or at customer's preferred location. Warranty conditions will be specified in the sales contract.





## Technical specifications



#### Weight & Dimensions

Vehicle Performance

0-60 mph\*: 1.69 seconds

0-300km/h\*: 10.6 seconds

Chassis

Braking

Unique Driving Position

Honeycomb Structure

Acceleration Performances (Road Legal Tyre)

0-100km/h: 1,9 seconds (Standing Start)

Max. Speed: 400 km/h (248.55 MPH) Drive Range: 450 km (280 miles- NEDC)

Carbon Monocoque: Single Carbon Piece

Centrally mounted Unique battery pack

Front & Rear Carbon Ceramic Discs

Brake Caliper Front: 10 Pistons

Brake Caliper Rear: 4 Pistons

Powertrain Data

Vehicle Control Units (VCU)

Total Power: 2012 bhp (1480 KW)

Four Wheel Drive

Zero Emission

Motors: 4PMSM

Torque: 2000 Nm

Most Powerful E-Motors Ever Made

Length:	4791mm
Width:	1935mm
Height:	993mm (910 + Ride Height)
Wheelbase:	2750mm

#### Wheels & Tyres

Optimised for Fastest Acceleration		
Front:	265/35 ZR20 Michelin Pilot Sport CUP2-R	
	and/or Pirelli 265/35ZR20 XL P ZERO	
Rear:	325/30 ZR21 Michelin Pilot Sport CUP2-R	
	and/or Pirelli 325/30ZR21 XL P ZERO	
Rim Size Front:	9.5 × 20	
Rim Size Rear:	11.5 x 21	

#### Suspension

Hydraulic Double Wishbone Front & Rear Axles Automatic and Manual Ride Height Control

#### Body

- Falcon Wing Doors
- Two Seater
- Left Hand Drive
- Body : Full Carbon Fibre
- Dry Weight: 1900 kg
- Ground Clearance: Low, Standard, High (80 160 mm)
- Luggage capacity: 50 litres (850 x 530 x 130mm)

#### Driver Aids

Four Drive Modes: sport-dynamic, rain-snow, city-comfort, high boost 0-100km/h Accelerating Record Setting All Wheel Torque Vectoring System

#### Aerodynamics

- Active Aerodynamic
- Moveable Rear Wing
- Low Drag Configuration
- Ride Height Adjustment

#### Equipment

- LED rear taillights
- Rear Camera Mirror System (CMS)
- USB connections/ Radio/Navigator/Media/Vehicle setting
- Utilising latest phone connectivity technology
- Climate control system with Heating & Air- conditioning
- Four interior Display Screens
- Super Luxury Interior Ambient Lighting System
- Customizable Dashboard Colors for Each Drive Mode
- Switches on Ceiling (Cockpit Style)
- Keyless System

#### Safety Devices

- ABS (Antilock Braking System)
- TCS (Traction Control System)
- ESP (Electronic Stability System)
- HBS (Hydraulic Braking System)
- BMS (Battery Monitoring System)
- TPMS (Tyre Pressure Monitoring System)
- ESS (Emergency Stop Signal)
- Steering Assistance

\*One Foot Roll-Out





### "We should invent other words for defining acceleration"

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The Owl. The first Japanese full-electric hypercar.



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