



ASTON MARTIN

## **ASTON MARTIN VALKYRIE AMR PRO: THE ULTIMATE NO RULES HYPERCAR**

- **New Valkyrie AMR Pro takes the ultimate hypercar genre to new extremes**
- **Radical design is extreme evolution of Valkyrie Le Mans racer concept**
- **Designed to be capable of lapping 24H Le Mans circuit in 3mins 20seconds**
- **Features new longer wheelbase/wide track chassis and unique aerodynamic package**
- **V12 powertrain power output of 1000bhp**
- **Deliveries scheduled to begin in Q4 2021**

*28 June 2021, Gaydon, UK:* First came the revolutionary Aston Martin Valkyrie road car. Now comes the radical evolution, in the sensational form of the new Valkyrie AMR Pro: a machine which takes a car designed to win the Le Mans 24 Hours as its starting point, then pushes further to explore extremes of performance unconstrained by racing regulations or registration for road use.

In 2019, Aston Martin, Adrian Newey, Red Bull Advanced Technologies (RBAT) and engineering partner Multimatic worked intensively on an Aston Martin Valkyrie race car design, aimed at winning the 24H Le Mans race in the new Hypercar class. That well advanced design has now formed the basis of the radical new Valkyrie AMR Pro.

Where the original concept proposal - first seen at the 2018 Geneva Motor Show - was very much an exercise in squeezing as much performance from the road legal Valkyrie platform, the new Valkyrie AMR Pro benefits from the Le Mans project's pure, race optimised chassis, aerodynamic and powertrain developments. Moreover, with its design and performance freed from race rule constraints, the AMR Pro's capabilities now *exceed* those of the machine designed to challenge for outright victory in the Le Mans 24 Hours.

Continuing the technology partnership with Red Bull Advanced Technologies (RBAT), the Valkyrie AMR Pro is a car of unprecedented potency and mind-blowing capabilities. It uses a unique version of the Valkyrie chassis which is 380mm longer in wheelbase and 96mm wider in track at the front; 115mm at the rear. Valkyrie AMR Pro also features an aggressive aerodynamic package which adds an additional 266mm in length, and thanks to mastery of underbody and overwing airflow, generates extraordinary levels of downforce. Comfortably delivering twice the amount of

downforce than the Valkyrie road car, the Valkyrie AMR Pro will achieve lateral acceleration of more than 3G.

In the pursuit of the lightest weight and fastest lap times, Valkyrie AMR Pro relies solely on a modified version of the sensational Cosworth-built 6.5-litre naturally aspirated V12 engine. Revving to 11,000rpm, this masterpiece of internal combustion is on-target to develop 1000bhp. Weight savings will come from deletion of the battery-electric hybrid system, plus a host of other weight saving measures, including ultra-lightweight carbon fibre bodywork, carbon suspension wishbones and Perspex windscreen and side windows. Together with an aerodynamic efficiency that exceeds Le Mans Hypercar regulations, the Valkyrie AMR Pro promises track performance approaching that of a Formula 1<sup>®</sup> car.

More details of the Valkyrie AMR Pro's specification and performance will be released later this year, but with a target lap time around the 8.5-mile 24H Le Mans circuit of 3 minutes 20 seconds – blistering performance that would see Valkyrie AMR Pro battling with the front running LMP1 cars for the outright win in the world's greatest endurance race.

Aston Martin Chief Executive Officer, Tobias Moers said: "The entire Aston Martin Valkyrie programme has been an extraordinary adventure in engineering. As an expression of the passion and expertise that can be found within Aston Martin and its closest technical partners, Valkyrie AMR Pro is a project beyond compare, a true 'no rules' track-only version. The Valkyrie AMR Pro is testament to Aston Martin's commitment to pure performance and this performance DNA will be evident in our future product portfolio. Nothing else looks like it, nothing else sounds like it, and I am absolutely certain nothing else will drive like it!"

To complement the track-only Valkyrie AMR Pro, customers will receive the opportunity to attend a bespoke track day experience, hosted by Aston Martin at a selection of International FIA Circuits around the world. The experience will include track and pit lane access, support from the Aston Martin Valkyrie Instructor team, as well as FIA exclusive racewear and a VIP hosted dinner. Track days will be open to all Aston Martin Valkyrie customers, along with a selection of Art of Living experiences, driving some of the most challenging and dynamic roads across the UK and Europe, The Americas and beyond. Additional information on these exclusive experiences will be released later this year but they promise to showcase the Valkyrie in the most exhilarating way.

With extensive development work completed using powerful simulation tools, physical testing of the Valkyrie AMR Pro is due to commence imminently and to ensure that Valkyrie AMR Pro gives the ultimate driving experience, the Aston Martin Cognizant Formula One<sup>®</sup> Team drivers will be involved from the start to develop the dynamic set-up of the car.

All cars will be left-hand drive, with a production run of 40 cars plus two prototypes. First deliveries are scheduled to commence in Q4 2021.

- ENDS -

### **About Aston Martin Lagonda:**

Aston Martin Lagonda is a luxury automotive group focused on the creation of exclusive cars and SUVs. The iconic Aston Martin brand fuses the latest technology, exceptional hand craftsmanship and timeless design to produce models including the Vantage, DB11, DBS Superleggera and the new SUV, DBX. Based in Gaydon, England, Aston Martin Lagonda designs, creates and exports cars which are sold in 55 countries around the world.

Lagonda was founded in 1899 and Aston Martin in 1913. The two brands came together in 1947 when both were purchased by the late Sir David Brown.

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**Global Headquarters Gaydon**

Kevin Watters  
Director of Communications  
Mobile: +44 (0)7764 386683  
E-Mail: [kevin.watters@astonmartin.com](mailto:kevin.watters@astonmartin.com)

Grace Barnie  
Manager, Corporate Communications  
Mobile: +44 (0)7880 903490  
E-Mail: [grace.barnie@astonmartin.com](mailto:grace.barnie@astonmartin.com)

Jessica Jay  
Press Officer, Product Communications  
Mobile: ++44 (0)7825 863880  
E-Mail: [jessica.jay@astonmartin.com](mailto:jessica.jay@astonmartin.com)

Raphaele Loheac-Derboulle  
Press Officer, Lifestyle Communications  
Mobile: +44 (0)7801 265126  
E-Mail: [raphaele.loheac@astonmartin.com](mailto:raphaele.loheac@astonmartin.com)

Scott Fisher  
Heritage Communications Manager  
Mobile: +44 (0)7841 912225  
E-Mail: [scott.fisher1@astonmartin.com](mailto:scott.fisher1@astonmartin.com)

Simon Strang  
Motorsport Press Officer  
Mobile: +44 (0)7554 436372  
E-Mail: [simon.strang@astonmartin.com](mailto:simon.strang@astonmartin.com)

**The Americas**

Nathan Hoyt  
Head of Public Relations  
Mobile: +1 949 707 7747  
E-Mail: [nathan.hoyt@astonmartin.com](mailto:nathan.hoyt@astonmartin.com)

Valentine Oldham  
Mobile: +1 617 721 5392  
E-Mail: [valentine@valentinepr.com](mailto:valentine@valentinepr.com)

**Continental Europe**

Tina Brenner  
PR Manager EU  
Mobile: +49 (0) 172 8232375  
E-Mail: [tina.brenner@astonmartin.com](mailto:tina.brenner@astonmartin.com)

Judith Richter  
PR Executive Europe  
Tel: +49 (0) 69 77075 2018  
Mobile: +49 (0) 162 258 1360  
E-Mail: [judith.richter@astonmartin.com](mailto:judith.richter@astonmartin.com)

**China**

Jessie Zhang  
Marketing and Communications Manager  
Tel: +86 021 8036 9012  
Mobile: +86 136 9366 7009  
E-Mail: [jessie.zhang1@astonmartin.com](mailto:jessie.zhang1@astonmartin.com)

Nan Chen  
PR Coordinator  
Tel: +86 8036 9051  
E-Mail: [nan.chen@astonmartin.com](mailto:nan.chen@astonmartin.com)

**Asia Pacific**

Andreas Rosén  
Marketing and Communications Manager  
Mobile: +65 9618 7742  
E-Mail: [andreas.rosen@astonmartin.com](mailto:andreas.rosen@astonmartin.com)

Sarah McDonald  
PR - Australia  
Mobile: +61 438 115 108  
E-Mail: [sarah.mcdonald@astonmartin.com](mailto:sarah.mcdonald@astonmartin.com)

**Middle East**

Ramzi Atat  
Marcoms Senior Manager  
Mobile: +971 (50) 5187778  
E-Mail: [ramzi.atat@astonmartin.com](mailto:ramzi.atat@astonmartin.com)

Sandra Schneider  
Tel: +971 50 524 0120  
E-Mail: [sandra@schneider-pr.net](mailto:sandra@schneider-pr.net)