

# GENESIS MAGMA RACING / GMR-001 HYPERCAR TECHNICAL SPECIFICATIONS

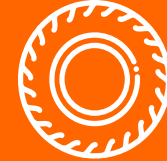


**ENGINE TYPE:** Genesis G8MR 3.2l Turbo Engine  
**ENGINE DISPLACEMENT:** 3200cc  
**PERFORMANCE:** 680hp

**LENGTH:** approx. 5000mm  
**WIDTH:** 2000mm



**WEIGHT:**  
1030kg minimum  
(1112kg including 82kg driver)



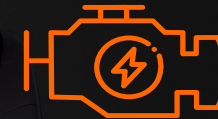
**WHEELS:** 18 inch  
**TYRES:** Michelin (defined by regulations)  
**WHEEL BASE:** 3150mm (defined by regulations)



**GEARBOX:**  
7-speed sequential with paddle shift  
(defined by regulations)



**BRAKES:**  
Carbon discs and pads



**HYBRID SYSTEM:**  
Bosch MGU with 50kW max power  
(spec system)



**MAX SPEED:**  
345km/h



**FUEL TANK:**  
110l minimum



**POWERTRAIN:**  
Rear-wheel-drive



**TORQUE:**  
637Nm

# GENESIS MAGMA RACING / TECHNICAL SPECIFICATIONS

Genesis Magma Racing's 'Distinctly Korean' identity is shown on the livery of the GMR-001 Hypercar with the traditional Hangeul lettering – 마그마 – magma – integrated as key design on both cars for the start of the WEC season.

The Genesis G8MR 3.2l Turbo V8 engine was developed by Hyundai Motorsport in Germany from the base of the successful I4 powerplant used in the FIA World Rally Championship. Reliability, drivability and efficiency were key aims during testing.

The 'spine' of the GMR-001 Hypercar is provided by Genesis Magma Racing's chassis partners, ORECA. The chassis is proven at the highest levels of competition, and ORECA engineers and mechanics were vital in the first shakedown and test for the car.

One of the GMR-001 Hypercar's most striking features, the Two-Line design headlights closely echo the appearance of Genesis' range of road cars, clearly showing the connection between the two worlds.



Michelin are the official tyre supplier for the Hypercar class of the WEC. For 2026 they supply tyres in three dry compounds – Hard, Medium and Soft – as well as a tyre of wet conditions. The entire range consists of 50% renewable or recycled materials.

Official Performance and Innovation Partner Shell have been ever-present during the development of the GMR-001 Hypercar. Their support and work have created a specially formulated oil specifically for the Genesis G8MR 3.2l Turbo V8 engine and the demands of endurance racing.

As a car built to LMDh regulations, the GMR-001 Hypercar features a spec-hybrid unit, which delivers a maximum of 50Kw through the rear wheels. The amount of energy supplied by the system during a stint is controlled by the series regulations.