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Since 1924

MG showcases its Hydrogen Fuel-Cell technology in India at Auto Expo 2023

Displayed the world's first hydrogen fuel-cell MPV – EUNIQ 7

Greater Noida, January 12, 2023: Demonstrating the future of mobility in India with a greater focus on sustainability, MG Motor India today showcased new energy vehicles (NEVs) with its third-generation hydrogen fuel cell technology, at the Auto Expo 2023. The world-leading hydrogen fuel-cell system underlines MG's commitment to providing clean and efficient travel based on green, renewable power sources.

The hydrogen fuel-cell system was first launched as the Phoenix No 1 fuel-cell vehicle project in 2001. Now the newly developed third-generation fuel-cell system, also known as PROME P390, comes with cutting-edge features such as integrated design, high power density, high durability, high reliability, and excellent environmental adaptability. With a system power of 92 kW, the world-leading fuel cell technology adheres to the highest safety standards and performs well over key performance indicators including those for comfort, fuel economy, and service life. The intelligent control algorithms of the PROME P390 also offer fast response and accurate control over the vehicle. The fuel-cell system can be used in fuel-cell passenger cars, city buses, medium and heavy trucks, and other vehicle platforms.

Mr Rajeev Chaba, President and Managing Director, MG Motor India, said, "MG Motor has been a constant synonym for innovation over the years. We arrived in India with a vision of offering disruptive mobility solutions, in terms of both human-centric technologies and sustainability. As the industry continues exploring alternate fuel technologies, we are delighted to showcase the world's leading hydrogen fuel-cell technology - PROME P390 to India."

Fuel cell vehicles that use hydrogen as fuel have significant advantages such as being pollution-free, high efficiency, high load, fast refuelling, and long battery life. The PROME P390 system promises excellent performance on these parameters with EUNIQ 7, a hydrogen fuel-cell powered vehicle, which not only has zero carbon emissions as it only emits water but also performs like an air purifier does, purifying air equivalent to 150 adults breathing in just one hour of driving.

In terms of technical specifications, the PROME P390 delivers 92 kW of power with a peak operating efficiency of 60 percent. It can operate at a maximum of 95 ℃ and can cold start at -30 ℃. The fuel-cell dimensions are - 790*598*820 (mm) with a high durability of over 10,000 hrs. in addition, the PROME P390 comes with an Integrated architecture without external humidification.

About MG Motor India

Founded in the UK in 1924, Morris Garages vehicles were world-famous for their sports cars, roadsters, and cabriolet series. MG vehicles were much sought after by many celebrities, including the British Prime Ministers and even the British Royal Family, for their styling, elegance, and spirited performance. The MG Car Club, set up in 1930 at Abingdon in the UK, has thousands of loyal fans, making it one of the world's largest clubs for a car brand. MG has evolved into a modern, futuristic, and innovative brand over the last 98 years.

MG Motor India's state-of-the-art manufacturing facility in Halol, Gujarat, has an annual production capacity of 1,25,000 vehicles and employs nearly 2,500 workers. Driven by its vision of CASE (Connected, Autonomous, Shared, and Electric) mobility, the cutting-edge automaker has augmented across-the-board 'experiences' within the automobile segment today. It has introduced several 'firsts' in India, including India's first Internet SUV – MG Hector, India's first Pure Electric Internet SUV – MG

ZS EV, India's first Autonomous (Level 1) Premium SUV – MG Gloster and MG Astor- India's first SUV with personal AI assistant and Autonomous (Level 2) technology.