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MG powers India's first-ever off-grid Solar-EV Charging station with BatX Energies

- *Repurposed MG EV batteries to supply energy to the solar-EV charging stations*
- *Key milestone to give thrust to circular economy*

Gurugram, February 08, 2024: MG Motor India has announced its collaboration with BatX Energies (a greenfield startup founded in 2020) for India's first-ever off-grid, solar-EV charging station powered by repurposed MG EV batteries, marking a significant advancement in sustainable mobility. Prof. Ajay Sood, Principal Scientific Advisor to GOI, inaugurated the product at an event organized at IIT Delhi, where the live demonstration is installed.

The second-life battery storage system was developed by BatX Energies (supported by Delhi Research Implementation and Innovation- DRIIV) in partnership with MG to provide a second life to the used batteries of MG EVs. The product, now in the industrialization phase – is a solar EV charging station that operates off-grid and will be used to charge 2-wheelers to 4-wheelers. This will minimize reliance on traditional electricity sources and reduce carbon emissions associated with conventional EV charging methods. This initiative is another endeavour by MG Motor India to give thrust to a circular and sustainable economy.

According to **Gaurav Gupta, Deputy Managing Director, MG Motor India**, "At MG Motor India, we are committed to driving innovation and sustainability in all the domains of our operations. We also take pride in taking the lead in creating a robust EV Ecosystem in India with our partners. We believe that by championing the principles of the circular economy and harnessing the potential of repurposing used batteries will create a positive impact on the environment. And this collaboration with BatX Energies aligns with our vision to create a greener future for the society."

Vikrant Singh, Co-founder and CTO, BatX Energies said, "We are excited to introduce India's first off-grid, solar-powered charging station using second-life MG EV batteries in collaboration with MG Motor India. This marks a crucial step in sustainable mobility, showcasing innovation and our commitment to reducing carbon emissions. As we pioneer this initiative, we envision further collaborations with OEMs, reshaping India's EV landscape. This second-life battery storage system, starting at 20kWh and scalable up to 100kWh, supported by 6.6kW of solar power, signifies a transformative shift in energy solutions. Generating approximately 40kWh daily, which is equivalent to 40 units. It underscores our dedication to providing flexible, scalable, and reliable sustainable energy for diverse demands."

As an early mover in the EV space, MG's focus has consistently been on developing product offerings and the larger ecosystem. Alongside its products and customer programmes, the company has created a robust EV environment with its 6-way charging infrastructure and installed more than 15,000 charging touchpoints nationwide, including public and home chargers. To fortify the EV ecosystem, MG has strategically aligned itself with industry leaders such as Tata Power, Delta Electronics, and Fortum to ensure the creation of a robust charging infrastructure. Collaborations with BPCL and Jio-BP have also been instrumental in establishing charging stations at



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strategic touchpoints across the nation. The company is also working with its partners to set up EV charging infrastructure for battery recycling, reuse, and life extension.

BatX Energies supports global sustainability goals like the UN's 17 Sustainable Development Goals. They're dedicated to reaching India's net zero emissions by 2070, working hard for a greener future. The company's approach emphasizes the use of environment-friendly low opex and capex reusable chemical-based extraction technologies, significantly reducing carbon emissions. Furthermore, BatX Energies empowers local scrap collectors, helping them join the organized sector and build a reliable supply chain, promoting India as a leader in clean and new energy technologies.

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 100 years.

MG Motor India's state-of-the-art manufacturing facility in Halol, Gujarat, has an annual production capacity of 1,20,000 vehicles and 3,000 employees. 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, Astor- India's first SUV with personal AI assistant and Autonomous (Level 2) technology and MG Comet EV – The Smart Electric Vehicle.

Website: www.mgmotor.co.in

Facebook: <https://www.facebook.com/MGMotorIN>

Instagram: <https://instagram.com/MGMotorIN>

Twitter: <https://twitter.com/MGMotorIn/>

LinkedIn: <https://in.linkedin.com/company/mgmotorindia>

For more information please contact:

Sumedha Jadli sumedha.jadli@mgmotor.co.in

Nimmi Bhandar nimmi.bhandar@ruderfinn.com

About BatX Energies

Founded in 2020 by Utkarsh Singh & Vikrant Singh, BatX Energies is a lithium-ion battery recycling company. BatX recycles used Lithium-ion batteries to extract critical



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metals primarily Lithium, Nickel, Cobalt which are supplied to battery cell manufacturers to create a closed-loop Circular Economy for Lithium-ion Battery Manufacturing and Electric Vehicles. BatX Energies Pvt. Ltd. currently has a state-of-the-art manufacturing unit in Sikandrabad Industrial Area, Bulandshahr, Uttar Pradesh. The company has raised a total funding of \$6.9Mn in the last 2 years 2022 & 2023 respectively.

For more information, log into <https://batxenergies.com/>

Umang Gaba | umang@80-db.com | +91 9999013478

Pushpanjali Upadhyaya | pushpanjali@80-db.com | +91 7464909059