

Who launched India's first modular battery swapping technology?

In partnership with Veera Vahana, Sun Mobility launched India's first modular battery swapping technology for heavy commercial vehicles at Pawaas 4.0.

Who is the leading battery manufacturer in India?

From industrial batteries to power back up batteries, the company has battery solutions for a number of different industries. Luminous is undoubtedly one of the leading battery manufacturers in India, but aside from that, the company also has a strong global presence with 28 sales offices and 3200 channel partners. Amara Raja Batteries Ltd.

Could a battery swap boost EV adoption in India?

With 90% of commercial vehicles privately owned and unsubsidized, battery swapping could boost EV adoption by an additional 30%. This would significantly aid India's goal of zero carbon emissions in heavy commercial vehicles.

How many battery swapping stations does SUN Mobility have?

Since its inception in 2017, SUN Mobility has integrated over 26,000 vehicles across two-, three-, and small four-wheeler fleet segments. The company operates more than 630 battery swapping stations nationwide, facilitating around 1.6 million kilometers and 60,000 battery swaps daily--an impressive 84% increase from last year's utilization.

Does Veera Vahana offer battery as a service (BaaS)?

It will streamline customers' EV experiences by offering Battery as a Service (BaaS) nationwide. Veera Vahana is a renowned bus coach builder based in Bangalore since its establishment in 2004. Known for its focus on research and development (R&D), it has achieved many industry-firsts.

How big is the battery swapping industry?

The battery swapping industry is in its nascent stage, with an annual business of around Rs 600 crore. This development is set to revolutionise the industry, as private bus operators need not invest heavily (approximately over Rs 1.8 crore per bus).

The partnership has introduced India's first modular battery-swapping technology designed specifically for buses and trucks. This innovative technology aims to revolutionize the transportation sector by offering a more sustainable, efficient, and cost-effective alternative to traditional diesel-powered vehicles.

SUN Mobility's modular battery-swapping technology is designed to reduce emissions, improve air quality, and boost efficiency. The technology offers a practical solution to the high ownership costs and limited charging infrastructure that have hindered the adoption of ...

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India introduces modular battery swapping for heavy electric vehicles at Prawaas 4.0 Sun Mobility's new technology reduces the cost of electric buses by 50%, encouraging a shift from diesel...

SUN Mobility's focus on modular battery-swapping technology addresses critical barriers in EV adoption for heavy vehicles. Its collaborations and strategic initiatives can play a role in accelerating the transition to cleaner and more efficient transportation systems in India.

The modular swapping technology offers a practical, cost-effective solution that boosts efficiency and lowers operational costs for operators. Battery swapping will bring down the upfront cost of buses by 40 per cent, making it comparable to ...