

Raptee.HV may begin deliveries of T30 EV bike in May

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Chennai-based EV start-up Raptee.HV plans to begin delivery of its high voltage technology-powered electric motorcycle, the T30, by May as the company has secured certification from the Automobile Research Association of India (ARAI), the country's certifying authority for automobiles.

During the unveiling of the electric motorcycle last year, the company said it would begin delivery of the bikes in January 2025.

"The certification process took longer than expected, causing a delay in deliveries. We now expect to begin deliveries by May," Jayapradeep Vasudevan, Chief Business Officer at Raptee.HV told *businessline*.

"We previously announced a price of ₹2.39 lakh and remain committed to maintaining it for at least the

next six months," he said, adding, "We have received over 8,000 registrations for our electric motorcycle.

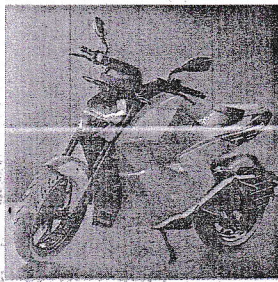
COST ADVANTAGE

Raptee's T30 electric motorcycle is positioned in the 300cc category and promises a significant price and cost advantage over comparable petrol-powered motorcycles, such as the Honda CB300R. The on-road price difference is substantial due to EV road tax exemptions.

In Chennai, the CB300R costs about ₹2.9 lakh on-road while the Raptee T30 is priced ₹2.55-2.57 lakh. In Bengaluru, where road taxes are higher, the CB300R is priced ₹3.7 lakh, whereas the Raptee T30 cost remains ₹2.57 lakh.

Also, Raptee T30 benefits from lower running expenses.

With an estimated ₹30,000+ annual savings on fuel and maintenance for 10,000 km of usage, the total



cost of ownership is significantly lower, he said.

Raptee's motorcycle is the first and the only two-wheeler capable of seamlessly connecting to DC chargers as used by electric cars.

6-YEAR JOURNEY

"ARAI had never tested a high-voltage two-wheeler before; so we collaborated with them to validate this technology, achieving the necessary homologation and certification to bring it to market."

"This milestone marks the

culmination of our six-year journey," stated Vasudevan. The electric motorcycle will be made at Raptee's R&D and production facility in Manapakkam, Chennai, which spans 4.5 acres.

With an annual production capacity of up to 1 lakh units, this facility will meet demand for the initial years. For future expansion, the company has secured land in Cheyyar, Tamil Nadu.

The bike will be delivered in phases, starting with Chennai and Bengaluru, followed by Pune and Hyderabad.

Initially, Raptee plans to launch in eight cities with company-owned outlets to provide a premium customer experience in line with expectations of the 300cc segment, he said.

Raptee.HV secured its last funding round in October 2023, led by Blue Hill Capital and Artha 99, along with participation from Indian and international family offices.