

With eye on high-end segment, Orxa launches e-bike Mantis at ₹3.6 lakh

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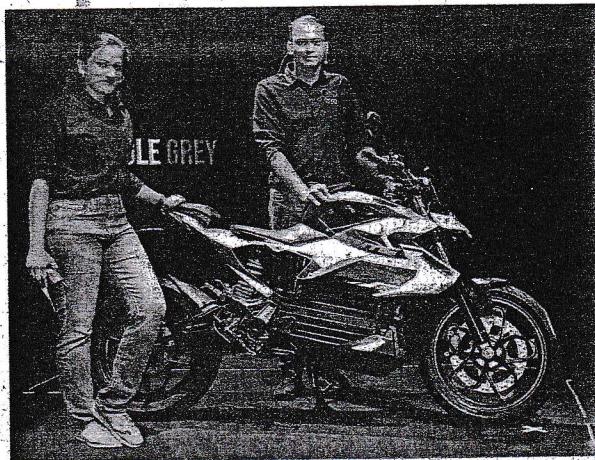
Orxa Energies, a Bengaluru-based firm, has introduced its electric motorcycle Mantis with a range of 221 km under a single charge, targeting buyers in the performance segment. The electric bike, what the company calls the lightest motorcycle in the segment with a kerb weight of 182 kg, is priced at ₹3.6 lakh (ex-showroom, Bengaluru).

Mantis is powered by an 8.9-kWh battery pack, which promises a life of 5-8 years. The top speed of the electric motorcycle is 135 km and will accelerate from 0 to 100 km/h in 8.9 seconds. The torque of the vehicle is 93 Nm.

Mantis comes with a Standard 1.3-kW charger, which will charge 0-80 per cent in five hours. It will also offer Blitz 3.3-kW charger, which will be an add-on and it will charge 80 per cent in 2.5 hours. These chargers will come in two types - wall-mounted and hand-held.

AEROSPACE-GRADE

Prajwal Sabnis, Co-Founder and CEO, said Mantis was the



GREEN DRIVE. Prajwal Sabnis (right) and Ranjita Ravi, Co-founders of Orxa Energies, at the launch of e-bike Mantis

result of eight years of R&D. The technology and features on this bike have been derived from its experience in serving the defence and aerospace sectors that have stringent certification and other standards.

Over the past several years, Orxa Energies has been producing and supplying high-performance battery packs with a proven record in thermal management, power electronics and control systems to aerospace and defence sectors.

“Our vision is to target the equivalent of the mid-segment of the high-end ICE bike segment (more than 200cc bike category). This is an aspirational segment and is growing every year,” Ranjita Ravi, Co-Founder and Director, Orxa Energies, told *businessline* on the eve of the Mantis launch here.

The Mantis, which is made of aerospace-grade all-aluminium material, will offer a ground clearance of 180 mm. Under the Electric-Bharamala trip, Mantis covered

13,510 km across India in 54 days.

Bookings commenced on Tuesday and prospective buyers can book the vehicle by paying a sum of ₹10,000.

The deliveries will begin in April 2024 and it will be delivered initially to the customers in Bengaluru, while the launch of the Mantis in other cities will be announced later.

Ravi said the company is roping in partners to set up DC charging stations along the highways, to provide after-sales support and also to handle the end-of-life of the batteries of Mantis. It is planning to set up about 100 charging stations on major highways in the next one year.

It has also forged strategic partnerships with Spare It, Bolt, and Nunam to strengthen the EV ecosystem. Through Nunam's end-of-life battery buyback services, Orxa customers can enjoy a 40 per cent cost advantage. Bolt's growing network of fast-charging stations promises to ensure seamless charging experiences for Mantis owners.

This correspondent was in Bengaluru at the invitation of the company