



THE URBAN EXPLORER HAS LANDED INTRODUCING THE SCRAMBLER-STYLED FLYING FLEA S6

- Versatility across all urban environments: the scrambler-styled FF.S6 is designed to do it all
- Equipped for exploration: the FF.S6 features a high-torque motor and long suspension travel, paired with an enduro-style seat and off-road ride mode with switchable ABS

Milan, November 4, 2025: Building on the commitment to keep moving forever forward, Flying Flea, the city+ mobility brand from Royal Enfield, unveiled the scrambler-styled Flying Flea S6 at EICMA 2025 today. Combining lightweight structure and refined design with off-road ability, the FF.S6 is an agile, versatile vehicle that pushes the boundaries of urban exploration.

Inspired by history and designed for the future, Flying Flea launched its first product - the elegantly-styled FF.C6 - at EICMA 2024. The new scrambler-styled FF.S6 follows the same ethos as the original Flying Flea motorcycles, which were purpose-built and airdropped via parachute for lightweight, all-terrain riding. The FF.S6 is deeply rooted in this DNA of lightness, agility, and adaptability.

The FF.S6 is a significant and natural addition to the Flying Flea portfolio - a perfect blend of historic authenticity and modern capability, engineered for the urban environment and beyond. It is a road-ready and trail-ready evolution of the brand, offering riders the freedom and flexibility required to navigate varied urban scapes.

DESIGN WITH PURPOSE

The FF.S6 is a lightweight city+ explorer built for those who crave adventure, whether navigating unexplored city corners, nearby trails, or fun backroads. The motorcycle lends the perfect balance between agility and confidence across diverse terrain. Its scrambler capability is supported by a USD front fork, a chain final drive, and a staggered wheel setup (19-inch front, 18-inch rear). The ride and handling experience is elevated by a high-torque EV motor and a long, comfortable enduro-style seat.

The finned magnesium battery case, providing optimal weight saving and cooling, is a key embodiment of the Flying Flea ethos, seamlessly merging tradition and innovation. The dynamic front fins symbolize forward-thinking technology, while the elegant rear fins represent heritage. The elements converge into a central wing-shaped motif, a sleek and distinctive representation of the brand's spirit.



Completing the design is the true round touchscreen cluster that pays tribute to the original Flying Flea, while integrating modern digital innovation. This high-resolution display blends classic aesthetics with advanced functionality, offering intuitive, connected features.

TRAILBLAZING TECHNOLOGY

Flying Flea is reimagining electric mobility through groundbreaking innovations at the Flying Flea Tech Center, across India and the UK - from advanced motor and battery management systems to seamless connectivity solutions.

The FF.S6 is equipped with a suite of advanced riding tech, like integrated navigation, a dedicated off-road mode, and lean-angle sensing ABS that is fully defeatable by turning off the dual-channel system, traction control, and more.

The seamless integration of hardware and software is powered by an in-house OS and a UI/UX built around the Qualcomm Snapdragon QWM2290 processor. Specifically designed for two-wheelers, this high-performance chipset enables 4G, Bluetooth, and Wi-Fi connectivity, allowing real-time vehicle management through the interactive true round TFT cluster. For enhanced convenience and safety, the motorcycle is equipped with a Voice Assist button. Accessible via the rider's phone while riding, this feature enables simple voice commands to initiate navigation, play music, and more.

Flying Flea's sophisticated control systems are further enhanced by NXP's cutting-edge microcontrollers, which ensure high-speed data processing, secure communication, and intelligent energy management. This integration optimizes performance and efficiency, dynamically adjusting to the rider's needs. Built to evolve around the rider, the FF.S6 features an in-house developed Vehicle Control Unit (VCU), which seamlessly integrates thousands of ride mode combinations and dynamically adapts performance for a secure, intelligent, and connected ride.

The FF.S6 enables multi-modal connectivity, allowing riders to interact with the motorcycle via a smartwatch and a connected app. This provides full remote management of key features, including keyless ride, ride modes, charging status, and vehicle diagnostics. Crucially, the platform comes pre-loaded with a suite of apps and supports over-the-air (OTA) updates, ensuring the FF.S6 remains perpetually at the forefront of technology.

The FF.S6 is slated to launch towards the end of 2026.



About Flying Flea

Flying Flea, by Royal Enfield, is the new city+ mobility brand that is created to explore a new dimension of mobility - one that is smart, lightweight and sophisticated. Operating at the intersection of design, cutting-edge technology and lifestyle, Flying Flea is all set to usher in a new era for city+ mobility with its category-defining smart products in the global mobility space and beyond.

Drawing inspiration from the iconic 1940 Royal Enfield Flying Flea motorcycle, an engineering marvel that was purpose-built to be air-dropped by parachute, Flying Flea is built to deliver a smart, nimble and agile ride experience for a new generation of riders that are connected, design-aware and ready to embrace the future of city+ mobility. A sophisticated mix between authentic design and cutting-edge technology, it will launch its first products, the classic-styled FF.C6, by early 2026, followed by the scrambler-styled FF.S6.

The Flying Flea team boasts a class-leading team of more than 200+ engineers in the UK and India, allowing the team to develop its own motor, battery, BMS and custom software for its line of connected electric vehicles. With more than 45 patent applications filed for native and connected applications, end-to-end technology for the Flying Flea has been developed in-house, in partnership with industry-leading experts and brands at the Flying Flea Technology Center. The brand has set up an exclusive Flying Flea manufacturing space within Royal Enfield's manufacturing facility at Vallam Vadagal.

Marking a significant recognition and affirmation of the brand's design-first ethos, Flying Flea recently won the prestigious Red Dot Award for its classic-styled, Flying Flea C6, under the 'Design Concept' category.

For media queries, please contact: corpcomm@royalenfield.com

For more information and updates about Flying Flea, subscribe to: [flyingflea](#), or follow the Flying Flea [Instagram](#) page.
