

Urtopia to Showcase 1.2 kg / 65 Nm Motor at Eurobike 2025

Urtopia Titanium Zero Concept Bike Demonstrates Lightweight Motor Integration

FRANKFURT, GERMANY, June 24, 2025 /EINPresswire.com/ -- Urtopia will present its latest motor innovation at Eurobike 2025, introducing the Quark DM 1.2 mid-drive motor. Developed in-house, the motor is designed for high torque-dense, lightweight electric bike applications.

To demonstrate its integration and performance, Urtopia will exhibit the Titanium Zero Concept E-Bike, a prototype built specifically to showcase the Quark DM 1.2 motor in a real-world configuration.

Quark DM 1.2 Motor – Key Specifications Weight: < 1.2 kg

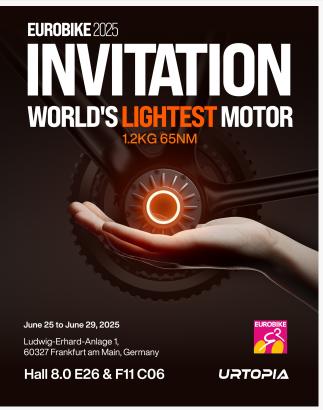
Maximum Torque: 65 Nm

Integrated Technologies:

High-precision torque sensor for seamless riding

– Dynamic magnetic encoder with ultra-high sensitivity

– High-performance hollow cranksets, compatible with all bicycles



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Titanium Zero Concept E-Bike – Demonstration Platform Features 3D-printed titanium alloy frame Semi solid-state battery with up to 300 Wh/kg energy density Carbon fiber components: wheels, fork, cranks, saddle Titanium alloy seatpost SRAM 12-speed electronic shifting compatibility The Quark DM 1.2 motor and associated technologies featured in the Titanium Zero platform will support the development of future Urtopia e-bike models.

Beyond engineering innovation, Urtopia will also showcase technological breakthroughs at Eurobie 2025 Urtopia Smart System Built-in ChatGPT: Urtopia GPTs--The World's First AI Voice Assistant for Riding. Hands-free navigation and real-time safety alerts. On-the-go tips and entertainment for smarter, safer riding. Smartbar Integration: Anti-Theft, GPS Navigation, Fingerprint Unlock, Voice Control, OTA Upgrade, etc. Sensor Suite: Torque, Gyroscope, and Accelerometer for the most accurate sense of every pedal and intelligent ride adaptation. eSIM-Enabled: Data Storage & Tracking, Global Network Access.

About Urtopia

Urtopia is a global leader in e-bike innovation, renowned for its expertise in carbon fiber technology and cutting-edge designs. As the "Carbon Fiber Expert," Urtopia is committed to creating lightweight, durable, and sustainable solutions for modern riders, redefining the future of e-riding.

More information is available at: <u>https://newurtopia.de/pages/pages-smartest-ebike</u> <u>Media kit</u>

Test Ride Contact Person: Rachel S. Job Title: Branding & PR Director US Website:<u>https://newurtopia.com/</u> DE Website:<u>https://newurtopia.de/</u>

Rachel Suo New Urtopia Europe GmbH +49 176 3249665 email us here Visit us on social media: Instagram Facebook YouTube TikTok This press release can be viewed online at: https://www.einpresswire.com/article/825082715

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