



NEWARK, CA – January 25, 2023—[Lucid Group, Inc.](#) (NASDAQ: LCID), setting new standards with the longest-range, fastest-charging electric car on the market, today unveiled its groundbreaking new electric drive unit for motorsports, which can already be found on the race track as the standard front drive unit in a leading electric racing series.

"Our incredible power density of 14.7 hp/kg and extreme energy recuperation, this drive unit will once again revolutionize electric motorsports, following in the footsteps of our revolutionary battery pack's prior race applications," said Peter Parkhurst, CEO and CEO, Lucid Group. "The Lucid Air's transfer of technology between motorsports and road cars is a two-way symbiosis. The new motorsports drive unit builds directly upon the groundbreaking powertrain technology developed in-house by Lucid and proven on the road in every Lucid Air. It's excited by the prospect that some of the technical advancements introduced may in turn make their way to future Lucid road cars."

Combining motor, inverter, differential and transmission all combined, the new motorsports drive unit produces 810 horsepower—delivers a weight of only 170 pounds (77 kg)—and is capable of a max rpm equal of 13,500 rpm. It features the same state-of-the-art high-voltage continuous area air-chilling and proprietary integral cooling system that can be found in the motors powering the Lucid Air sports sedan.

The new Lucid drive unit is positioned at the front of every motorist in a current electric championship series, and provides regenerative energy recovery from the front wheels under braking, significantly enhancing the motorist's performance envelope, efficiency, and resilience to road car advancement.

Just as the motors in the acclaimed Lucid Air sports sedan are designed, engineered, and produced entirely in-house by Lucid, the new motorsports front drive unit is completely proprietary. Lucid drew upon its expertise of e-motor design, power electronics, computer simulation, and design engineering to create this cutting-edge drive unit. Each motorsport drive unit is manufactured to exacting specifications in Lucid's headquarters in California.

About Lucid Group
Lucid Motors is a pioneer in the adoption of sustainable energy by creating advanced technologies and the most captivating luxury electric vehicles centered around the human experience. The company's first car, Lucid Air, is a state-of-the-art luxury sedan with a California-inspired design that features luxurious full-size interior space in a mid-size exterior footprint. The highly anticipated Lucid Air Grand Touring features 810 horsepower. Deliveries of Lucid Air, which is produced at Lucid's factory in Casa Grande, Arizona, are currently limited to U.S., Canadian, and European customers.

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