Introducing RangeXchange, an Innovative New Feature Enabling the Lucid Air to Directly Charge Other Electric Vehicles

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- RangeXchange enables a Lucid Air to charge another electric vehicle (EV) adding between 24 to 40 miles of range per hour.[1]
- To enable RangeXchange, Lucid owners simply attach the new Lucid RangeXchange charging adapter to the charging cable and plug directly into the receiving car.[2] This requires the latest over-the-air (OTA) update.
- Lucid's groundbreaking bi-directional Wunderbox, combined with its proprietary software, enables this revolutionary capability for all Lucid vehicles.
- RangeXchange is the latest example of impactful new features that are made possible by Lucid's deeply integrated hardware and software technology.

NEWARK, Calif., Nov. 9, 2023 /PRNewswire/ -- Lucid Group, Inc. (NASDAQ: LCID), setting new standards for luxury electric experience with the Lucid Air, winner of the 2023 World Luxury Car Award, today announced the introduction of RangeXchange: an innovative new vehicle-to-vehicle (V2V) adapter, available for purchase first for U.S. customers, that will enable Lucid Air owners to directly charge other electric vehicles. This new capability is enabled by Lucid's bi-directional charging technology and proprietary software, all of which is already built into every Lucid Air.



"I'm delighted that Lucid continues to innovate, enabled by our integrated fusion of software and hardware," said Peter Rawlinson, CEO and CTO of Lucid. "RangeXchange is a small step to further enhance the everyday usability of the electric vehicle."

RangeXchange is Lucid's first application of the Wunderbox's bi-directional charging technology. RangeXchange allows energy to flow from the Lucid Air's battery pack to charge another EV at a rate of up to 9.6 kW. The amount of range this adds depends on the other vehicle's energy efficiency as well as typical environmental factors. For most EVs currently on the market in the U.S., a charge rate of 9.6 kW will add 24 to 40 miles per hour.

"Designed and engineered in-house by Lucid, the Wunderbox is far more than just a piece of hardware that charges the battery pack," said Eric Bach, Senior Vice President of Product and Chief Engineer at Lucid. "From giving other EVs a boost with RangeXchange today, to possible future applications like vehicle-to-home backup power, time-of-use (TOU) optimization, and vehicle-to-grid (V2G) power, Lucid's proprietary bi-directional charging technology has the potential to greatly improve our customers' lives."

"RangeXchange is yet another example of the tremendous value we can provide with an over-the-air software update long after a customer purchases our car," said Mike Bell, Senior Vice President of Digital at Lucid. "This system's approach to the integration of hardware and software is what allows us to provide these value-add updates and is what sets Lucid apart in the auto industry."

The RangeXchange feature will first be offered to U.S. owners. It will require separate purchase of a RangeXchange charging cable adapter available exclusively from Lucid later this month and will be enabled by an OTA software update.

About Lucid Group
Lucid's mission is to inspire 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, the Air, is a state-of-the-art luxury sedan with a California-inspired design. Lucid Air Grand Touring features an official EPA estimated 516 miles of range. Assembled at Lucid's factories in Casa Grande, Arizona, and King Abdullah Economic City (KAEC), Saudi Arabia, deliveries of Lucid Air are currently underway to customers in the U.S., Canada, Europe, and the Middle East.

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[1] Lucid RangeXchange charging cable adapter is required. Based on American Council for an Energy-Efficient Economy estimated average EV efficiency of 3.4 miles per kilowatt hour.
[2] Lucid RangeXchange charging cable adapter will be offered for purchase through LucidMotors.com.

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