

Ford, GM, and Rivian Owners Can Use Tesla Superchargers — ChargePapa Adapter Makes It Work

ChargePapa's active converter performs the real-time CAN-to-PLC protocol handshake that DC fast chargers require — bridging the CCS1/NACS gap at the hardware level



Hong Kong, Hong Kong S.A.R. May 7, 2026 ([IssueWire.com](https://www.issuewire.com)) - ChargePapa, a direct-to-consumer EV charging hardware manufacturer, today announced the availability of its DC-Link NACS-to-CCS1 adapter, enabling Ford, GM, and Rivian electric vehicle owners to access the Tesla Supercharger network without relying on automaker-specific solutions.

The adapter addresses a technical barrier that has prevented CCS1 vehicle owners from using Tesla Supercharger stations. Unlike passive mechanical adapters, the DC-Link performs active CAN-to-PLC protocol conversion — the real-time digital handshake that DC fast chargers require before releasing current.

Why Passive Adapters Fail

DC fast chargers verify vehicle compatibility through a live communication exchange before authorizing a session. Tesla Superchargers communicate via NACS using PLC (Power Line Communication). Ford, GM, and Rivian vehicles — including the F-150 Lightning, Chevrolet Blazer EV, and Rivian R1T — use CCS1 with CAN bus. A passive adapter connects the physical pins only. It cannot translate the protocol,

so the session terminates before charging begins.

Active Protocol Conversion at the Hardware Level


The DC-Link contains an embedded microcontroller that performs CAN-to-PLC translation in real time. The Supercharger receives a valid protocol response, the session opens, and current flows at full DC fast charging speeds. Rated specifications: 500A continuous, 1,000V DC, IP65-sealed housing.

"Ford, GM, and Rivian owners kept asking us the same question: why does my adapter work on Level 2 but fail on a Supercharger?" said a spokesperson for ChargePapa. "The answer is protocol, not physics. The DC-Link solves the protocol layer directly."

The adapter is available through ChargePapa's direct-to-consumer store at chargepapa.com, with shipping to the US, EU, UK, and 15+ countries.

About ChargePapa

ChargePapa is a Hong Kong-based EV charging hardware company manufacturing adapters, wallboxes, and portable chargers for EV owners in North America, Europe, and Asia-Pacific. Products ship directly from the manufacturing facility. For more information, visit chargepapa.com.

Development ???? Marketing ???? Content Creator  Action Task



Media Contact

chargepapa

*****@chargepapa.com

<https://www.chargepapa.com>

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