



DHL Group relies on proprietary charging and load management system at its German mail and parcel operations

- New charging and load management ecosystem reduces energy costs, facilitates the expansion of e-mobility, and ensures operational stability
- Post & Parcel Germany division and DHL subsidiary StreetScooter, together with engineering partner IAV, have developed an intelligent energy management system for electric vehicle fleets
- Rollout completed following successful pilot project for 35,000 electric vehicles in Germany
- Charging and load management solution now also available to third-party customers.

Bonn, November 10, 2025: The Post & Parcel Germany (P&P) division of DHL Group and its subsidiary StreetScooter GmbH, in collaboration with engineering partner IAV, have developed a new charging and load management system for electric vehicles. Compared to previous solutions, this new system not only enables efficient charging of EVs, but also prevents unnecessary load peaks through intelligent energy flow control—resulting in lower costs. It also optimizes the use of self-generated energy (e.g., solar power) and simplifies the integration of stationary battery storage and heat pumps. Additionally, it reduces complexity and provides transparency regarding energy consumption and the utilization of vehicles and infrastructure. Following a successful pilot project involving 600 electric vehicles from various manufacturers, the newly developed system has now been rolled out across the entire P&P division.

Thomas Schlickenrieder, Senior Vice President Infrastructure Operations of the P&P division, said: “Deutsche Post and DHL have long been committed to integrating electric vehicles into their fleet and are recognized as pioneers in this field. With over 35,000 electric vehicles, we have a significant need for an intelligent, stable charging and load management system that is deeply integrated into our operations. Our new in-house solution helps us reduce energy costs, accelerate electrification, and ensure operational stability in our mail and parcel business.”



Additional benefits: The intelligent charging management system enables vehicle charging control via backend-to-backend interfaces as well as directly through vehicle connectivity. Based on the (live) state of charge and customizable charging parameters, the optimizer calculates the total energy demand and assigns vehicle-specific 24-hour charging plans. The system continuously adapts to changing conditions - such as preconditioning the vehicle interior or battery parameters during colder months - and ensures optimal performance by updating the parameters accordingly. Defined interfaces also allow relevant data to be integrated into external analysis and monitoring systems, enabling separate monitoring of charging processes, more efficient deployment planning, and significantly faster error analysis.

Rainer Wode, Chief Operating Officer of StreetScooter GmbH, is optimistic about the future: “We’re thrilled to have reached a milestone in the evolution of our charging control system with this successful rollout. Building on more than 15 years of experience in e-mobility, we’re now able to offer this innovative solution to third-party customers as well.”

Michael Gröschel, Head of Digital Solutions – Mobility, Logistics and Transportation at IAV, added: “Our solution delivers maximum reliability in fleet operations and meets the latest IT standards. It’s future-proof and can be flexibly adapted to individual customer requirements.”

The jointly developed solution is now available to third-party customers as part of a new partnership between StreetScooter and IAV.

More information: www.SwarmIQ.de

– End –

This press release as well as further information is available for download at:
group.dhl.com/pressreleases

Media Contact

DHL Group
Media Relations
Alexander Edenhofer
Phone: +49 (0)228 182-9944
E-mail: pressestelle@dhl.com



On the internet: group.dhl.com/press

Follow us on twitter at: twitter.com/DeutschePostDHL

These contact details apply solely for media requests.

For issues concerning specific shipments or services offered by Deutsche Post and DHL, please contact Customer Services by calling: +49 (0)228 4333112.

Post & Parcel Germany is a division of DHL Group with around 187,000 employees. Its core business is the transport, sorting and delivery of domestic letter mail and parcels in Germany. Post & Parcel Germany offers its comprehensive portfolio of products and services under DHL Group's two strong brands – Deutsche Post and DHL.

Powered by both brands, **Deutsche Post** and **DHL**, Post & Parcel Germany is the largest postal service provider in Europe, the market leader in the German mail and parcel market, and Provider of Choice for customers sending and receiving parcels. The division also operates the largest network of parcel lockers (Packstations and Poststations) in Germany. Post & Parcel Germany is an industry pioneer in environmental and social sustainability.

DHL Group generated revenues of approximately 84.2 billion euros in 2024. Through investment in green technologies and a commitment to society and the environment, the Group makes a positive contribution. DHL Group aims to achieve net-zero emissions logistics by 2050.