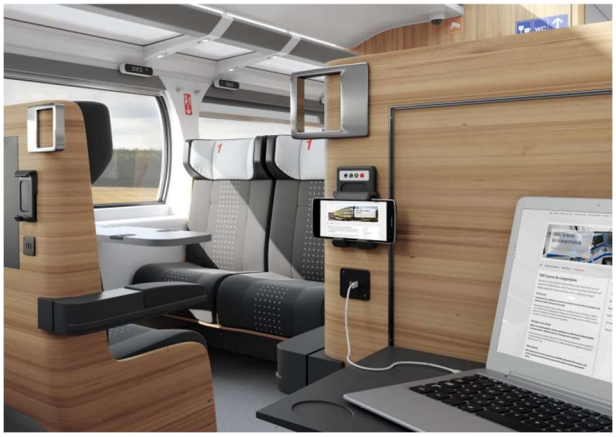
EAO Expands Charging Solutions Portfolio with Faster Wireless Charging and New USB-C Power Delivery Options

Enhanced charging performance and greater flexibility improve the passenger experience



SHELTON, Conn. (Sept., 2026)– EAO, the expert partner for Human Machine Interfaces (HMIs), has expanded its railway-certified Charging Solutions portfolio with new product variants designed to deliver faster, more versatile charging for today's mobile devices. The latest additions include a new 15W wireless tabletop charger and a USB-C Power Delivery (PD) and Programmable Power Supply (PPS) solution capable of efficiently charging smartphones, tablets, and laptops.

As passengers increasingly rely on mobile devices for travel information, entertainment, work, and digital ticketing, convenient onboard charging has become an essential part of the travel experience. EAO's expanded charging portfolio provides rail operators and vehicle manufacturers with flexible, reliable technologies that can be integrated into new vehicle designs or retrofitted as part of refurbishment projects. The new 15 W wireless tabletop charger delivers significantly faster inductive charging than previous models, helping passengers spend less time waiting and more time connected. Designed for under-table or surface mounting with EAO's Surface Mount Adaptor, the charger can also be paired with a status PCB that provides LED indication when the unit is ready, actively charging, or detects a foreign object that could interfere with charging.

EAO also now offers the 15 W charger with an optional magnetic locating ring (MLR), which securely aligns compatible mobile devices on the charging surface. The magnetic positioning improves wireless coupling for more efficient power transfer and faster charging performance.

Complementing the wireless charging offering is EAO's new USB-C Power Delivery (PD 3.0) and Programmable Power Supply (PPS) solution. Delivering up to 60 W through a single USB-C connection, it provides fast, intelligent charging for modern smartphones, tablets, and standard laptops.

Unlike conventional charging systems, PPS technology automatically adjusts the output voltage based on the connected device's requirements, reducing energy loss and heat generation while helping to extend battery life and improve charging efficiency.

The USB-C power supply pairs with EAO's Power Delivery USB-C sockets for installation on seatbacks, between seats, cab desks, or wherever traditional 230 VAC outlets have been installed. Offered in single or dual 30.5 mm mounting configurations, the sockets provide a versatile charging solution for cab desks, seat structures, and passenger areas. Their adaptable design supports customized mounting options, giving vehicle manufacturers and operators the flexibility to integrate charging capabilities throughout the train while preserving existing interior architecture. Like the rest of EAO's charging solutions, the new products are designed for straightforward integration into both new and existing rail vehicles.

Together, EAO Charging Solutions provide a comprehensive product family for convenient and reliable onboard device charging. The portfolio includes wireless chargers, USB charging sockets, multi-voltage power supplies, cabling, and mounting solutions, enabling complete charging systems for phones, tablets, and laptops. Designed for rail and public transport applications, these solutions can be integrated into tables, seatbacks, bulkheads, and other passenger or driver areas to support both new vehicle designs and refurbishment projects.

Typical applications include:

- Passenger seating areas
- Tabletop charging stations
- Seatbacks and between-seat installations
- Driver cab desks
- Train refurbishment and modernization projects
- New rail vehicle designs

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For more information, please visitwww.eao.com/charging.

About EAO:
EAO Corporation is a global technology leader and manufacturer of Human Machine Interface (HMI) Components and Systems. EAO serves a wide range of industries, including the transportation, machinery, heavy-duty and specialty vehicle, lifting and moving, medical, and automotive markets. EAO Corporation offers intuitive development skills, global manufacturing capabilities, worldwide supply chains, and superior project and consultation management that result in complete, innovative HMI Components and Systems. HMI Components include innovative and award-winning pushbuttons, indicators, emergency stop switches, rotary selectors, keylocks, CAN- or LIN-based products, and more. All EAO products meet required international ratings and approvals and are manufactured under important ISO quality requirements within a sustainable environmental policy.

With more than 600 employees worldwide, EAO Corporation is headquartered in Olten, Switzerland. It has production facilities in North America, Europe, and Asia, as well as 10 wholly owned international sales companies and distributors in more than 50 countries. For more information, please visit www.eao.com or contact EAO Corporation at 203-951-4600 and sales.eus@eao.com

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