
MCS | Standardization, Technology & Innovation

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May 7, 2025 | Power2Drive Munich



MCS | Enabling The Sustainable Transport Revolution

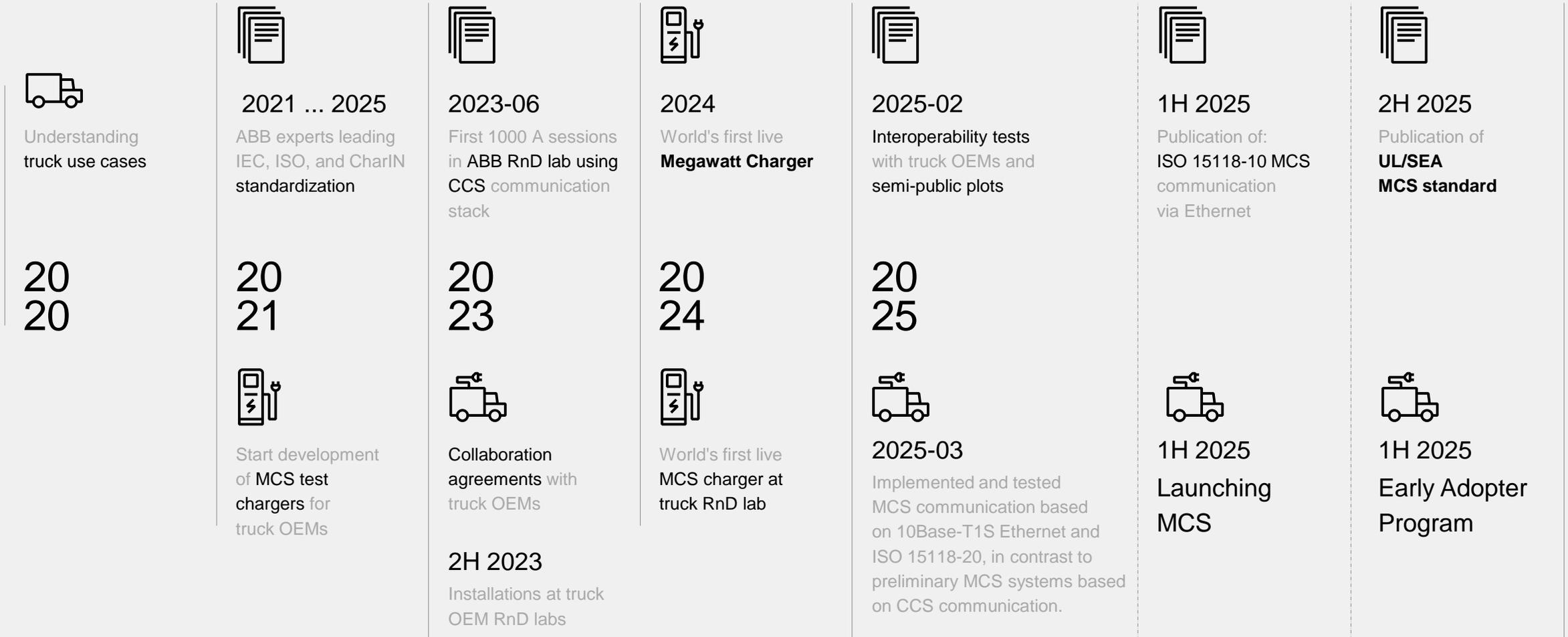
30% of CO2 emission in the mobility sector in Europe are caused by freight transport.

No Alternative to Electrification

Transportation & Logistics segment need MCS solutions for deliveries from A to B



Standardization: 5-Year Journey to Enable MCS Charging



Standardization Enables Innovation

Setting the standard for the future of
megawatt charging to streamline
innovation



Double Wall Cabinet

The double-wall cabinet with dual-compartment cooling and thermal circulation protects power electronics from environmental elements, prolonging their life.



Rotated Connector Holder

The connector holder is rotated at an angle to align the connector correctly with the truck inlet, eliminating torque from the cable.

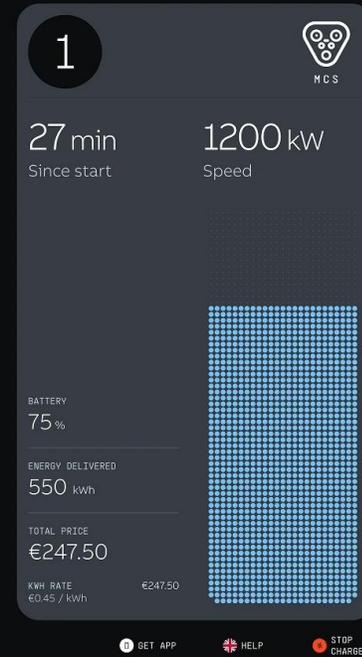
Innovation Leads to Purposeful Design

Robust solutions purpose-built to deliver a superior user experience for heavy-duty fleets.



Configurable Charge Post

The charge post is made for MCS charging sessions while providing flexibility with an optional CCS connector. Choose a single MCS connector or a dual configuration with CCS.



Intuitive Interface

The central 21.5" HD touch screen is configured for single-outlet charging sessions, while 360° LED lighting indicates charger availability to drivers from the truck cab.

Electrifying Transportation & Logistics with Megawatt Charging

Superior Performance

- 1.2 MW of continuous power at 1500 A aligned with mandatory break dwell times
- 3x 400 kW power cabinets
- 10-year expected lifespan

Purposeful Design

- Filed patents for charge post, connector holder, and double-wall cabinet
- Dedicated MCS charge post with an optional CCS connector
- Configurable touchpoints

Reliable Energy Delivery

- Defines MCS protocols for reliable and scalable charging
- Interoperability tested with leading e-truck OEMs
- Power path from cabinet size to cable length is streamlined for MCS



Smarter EV Infrastructure is More Service-friendly

Evolved Remote Servicing and Interoperability:

- Asset Management Platform
- Predictive Service Assignment
- Plug&Play component replacement





Learn more:
Hall C6/660

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