



MAN demonstrates megawatt charging in Swedish winter

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- **MAN eTGX charges publicly at around 750 kW using the Megawatt Charging System (MCS) in sub-zero temperatures**
- **Megawatt charging enables the MAN eTruck to charge from 10% to 90% in around 30 minutes**
- **MCS technology for MAN eTGX and eTGS already available for order – production start of the new charging standard in Q2 2026**

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MAN Truck & Bus publicly showcased the megawatt-charging capability of its electric trucks at the Kempower MCS Live Winter Days 2026 in Norrköping, Sweden. At the premises of Kempower customer Alfredsson's, the MAN eTGX demonstrated just how reliably the Megawatt Charging System (MCS) already works today. With this successful demonstration under real winter conditions, MAN marks another step toward implementing MCS charging in heavy-duty transport. The fully electric truck models MAN eTGX and MAN eTGS can already be ordered with the MCS option. Production of this equipment variant will begin in the second quarter of 2026.

The demonstration in Norrköping focused on the technical interoperability between the vehicle and the charging infrastructure — a decisive factor for the industrial ramp-up of megawatt charging. MAN is systematically testing this compatibility with leading charging-station manufacturers. The MCS Live Winter Days provided a demanding environment for this purpose: low temperatures and real-world load requirements.

“The MAN eTruck has proven the stability of the MCS charging process during the live demonstrations in Sweden, including controlled charging performance and secure communication between vehicle and charger. All our

MAN Truck & Bus is one of Europe's leading commercial vehicle manufacturers and providers of transport solutions with an annual sales revenue of around 13.7 billion euros (2024). The company's product portfolio includes trucks and buses/coaches with diesel and zero-emission drives, vans, diesel and gas engines along with services related to passenger and cargo transport. MAN Truck & Bus is a company of TRATON GROUP and employs approx. 33,000 people worldwide.



tests confirm the robustness of hardware and software integration and underline the maturity of MCS technology for future series production,” summarizes Sven Steckhan, Program Lead Charging at MAN Truck & Bus.

The Kempower MCS Live Winter Days 2026 in Sweden brought together representatives from the vehicle industry, infrastructure providers, associations, and media. The event offered a realistic impression of how megawatt charging expands the operational possibilities of electric trucks — from shortened charging times and increased vehicle availability to optimized operating costs. With the market introduction of the MCS equipment feature, MAN is sending a clear signal: megawatt charging will become a key component of sustainable freight transport.