

P R E S S R E L E A S E

CargoTronic: The e-mobility solution for truck freight heating

- **Frost free goods and pleasant working environment**
- **High-voltage heater with 6kW heat output in electric trucks and LCVs**
- **Space-saving external mounting and compact dimensions**

Esslingen (Germany) / Trollhättan (Sweden), 22 February 2024 – **The demand for fossil free deliveries increases rapidly. Transport vehicles with electric drives are gaining in importance as one possible alternative. In addition to the passenger compartment, their cargo space also needs an electric heating system to ensure the optimum temperature at all times. With the CargoTronic the thermal management expert Eberspaecher is launching a fully electric heating solution, which provides safe and fast warmth. The product can be seen at the Nordic EV Summit in Lillestrøm, Norway, from April 4 to 5 at booth B05-20 in hall B.**

Distributors of all types of goods, except refrigerated, need to ensure that the cargo hasn't been damaged by frost on its way to the recipient. This is particularly important when transporting temperature-sensitive goods such as medical products, blood plasma, flowers or paint. "With the new **CargoTronic**, we offer a high-voltage heater for electric trucks and light commercial vehicles that keeps goods frost-free regardless of the weather and creates a good working environment when loading and unloading the cargo area", says Fredrik Eriksson, Sales Manager Eberspaecher in Sweden and Denmark.

Eberspaecher developed the new product as a heating system that receives its energy directly from the vehicle's high-voltage batteries via the electrical outlet (Power Take Off). The heat in the CargoTronic 6E is generated using PTC technology (Positive Temperature Coefficient). The powerful PTC elements protect against overheating thanks to their inherent self-regulating effect and therefore enable safe and fast warming. A powerful fan

moves the heat with a maximum of 725m³/h from the elements and distributes the warm air in the cargo area.

Three versions with space-saving and robust design

CargoTronic 6E is available in three variants with operating voltages from 400 to 800VDC and heats with 6kW output. In these versions, the blower brings a fan voltage of up to 24V and three fan speeds. The unit provides two options for control, one with a pre-programmed PLC (Programmable Logic Controller) and the other for manual user operation with an optional **PCK3 controller**. The waterproof, durable and corrosion-resistant cover allows installation outside of the cargo cabinet. This means no space is lost in the cargo area. With 49cm height, 54.5cm width and 18cm depth the heater unit is compact and requires less space than today's conventional solutions. CargoTronic 6E is supplied with outlet and return air grilles, replaceable return air filter, fuse box and cables, allowing it to integrate seamlessly with customer DC voltage requirements and OEM vehicle connections.

Captions:

- *The Eberspaecher CargoTronic 6E enables fast heating of goods and the working environment in electric trucks.*
- *The heating system is supplied with outlet and return air grilles, replaceable return air filter, fuse box and cables.*
- *The optional PCK3 controller allows user-operation by the driver during the journey.*

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About Eberspaecher:

With approximately 10,700 employees at 80 locations worldwide, the Eberspaecher Group is one of the automotive industry's leading system developers and suppliers. The family business, headquartered in Esslingen am Neckar, stands for innovative solutions in exhaust technology, automotive electronics and thermal management for a broad range of vehicle types. In combustion or hybrid engines and in e-mobility, the components and systems from Eberspaecher ensure greater comfort, higher safety and a clean environment. Eberspaecher is paving the way for future technologies such as mobile and stationary fuel cell applications, synthetic fuels as well as the use of hydrogen as an energy carrier. In 2022, the Group generated revenue of around 6.4 billion euros. Net revenue adjusted for transitory items amounted to 2.7 billion euros.