Eberspächer

HIGH-VOLTAGE AIR HEATER / CARGOTRONIC 6E

CARGO HEATING FOR ELECTRIC TRUCKS

Today's electro-mobility demands a flexible, efficient solution that enables the right temperature for both goods and driver when loading and unloading the cargo area. The all-new Eberspächer CargoTronic 6E heating system offers a fully electric heating solution that ensures an optimal temperature for electric trucks and LCVs.

This versatile, externally mounted fully electric 6kW heater 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. The unit can be wired for permanent heating, or user-operation by the driver via the optional PCK3 controller.

ADVANTAGES:

- Reliable and powerful PTC technology
- Self-regulating technology within the system ensures safe PTC operation
- Powerful heating performance from 0% to 100% in just a few seconds
- Overheat protection
- Control electronics developed in-house
- Compact and robust construction in stainless steel
- Flexible installation position, externally mounted
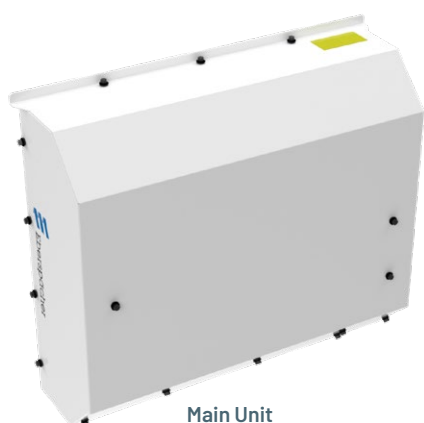- Simple system integration

ADDITIONAL FEATURES:

- Passive interlock for increased safety (vehicle manufacturer is responsible for connecting the interlock HV safety system)
- Available in various colours to suit customer requirements
- Supplied with grilles & return air filter
- Supplied with chassis mounted fusebox
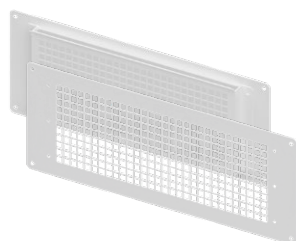- Optional driver operation via PCK3 controller

SEGMENTS:

SYSTEM OVERVIEW:

| Main Unit | Grilles & Return Air Filter | Fuse Box | PCK3 Driver Controls (optional) |

TECHNICAL DATA:

Operating Voltage Range (HV)(VDC)	400 / 600 / 800 Variants
Control / Blower Voltage (LV)(VDC)	12 / 24 Variants
Heating Performance (W)	6000
Heat Stages	2
Air Flow (m³/h)	725
Weight (kg)	Main Unit: 15 / Fuse Box: 3
Controls	Optional PCK3 Driver Controls
IP Protection	IP42
Dimensions (mm)	490 x 545 x 180
Operating Temperature Range (°C)	−20 to 40