

ELECTRIC HEATER 10KW



Description

The Electric Heater ensures quick, consistent, and reliable heating for both the cabin and battery of Electric Vehicles (EVs) and Battery Electric Vehicles (BEVs), adhering to the stringent safety standards set by IATF.

The Electric Heaters technology is developed and adapted for the new generation of electric vehicles. Backers heaters are among the most efficient in the industry and meet the requirements within the automotive sector. The Electric Heater is in production for various Automotive customers and can be tailored to meet the specific needs of each customer.

Product Benefits

- **Fast respons time**
- **Long lifetime**
- **In production**
- **Compliant with R10**
- **Communication CAN/LIN**
- **Plug-in function**
- **High efficiency**



Technical specification

Max Power	10 kW	Dimension Inc. spigots & connectors	383 x 232 x 110 mm
High Voltage Range	500-850 VDC	Weight	5,6 kg
Low Voltage Range	9-32 VDC	IP Rating	IP6k9k
Operating temp	-40 °C to +85 °C	Operating hours	45000 h
Operating pressure	Up tp 3,8 bar	EMC	UNECE10
Material	Heating element: EN1.4404 Casting: ALSI10Mg	Options	Thermal insulation
HV Connector	Hirschmann HPS40-2	Softwear	Diagnostics Sleep mode Softwear upgrade possibility etc.
LV Connector	TE 1-1703773-1		
Inlet/Outlet dimension	19 mm (NORMAQUICK® PS3-NW20)		
Safety	HVIL (Optional), High voltage detection and deactivation, Temperature monitoring, Low voltage -under and over voltage protection, Current monitoring, Overheat protection		

Application



- **BV & BEV**
- **Medium-duty and heavy-duty trucks, trams, city busses and coaches**
- **Cabin & Passenger Compartment**
- **Battery conditioning**