

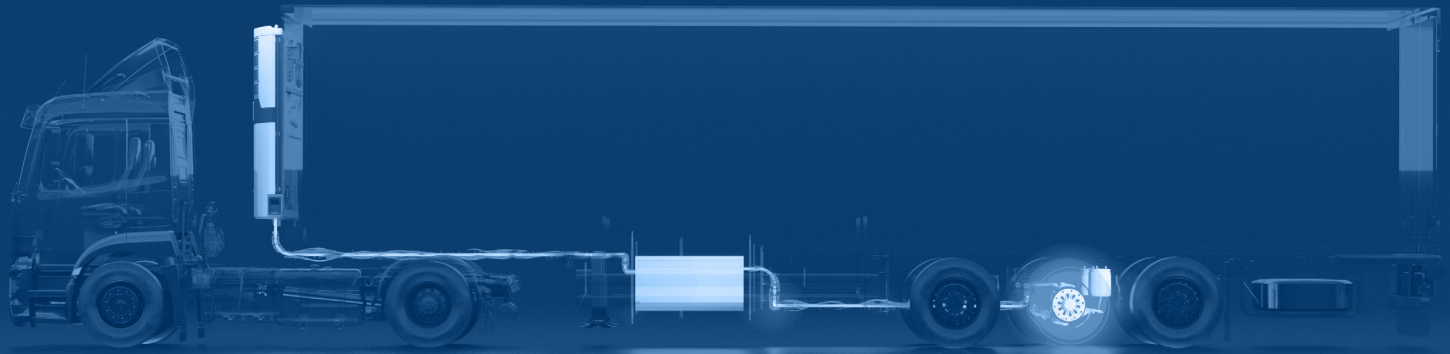
Generating energy on the trailer

BPW ePower

ePower is a new axle module developed by the engineers at BPW that recovers energy when the trailer is moving, enabling a carbon-neutral and quiet supply of power to refrigeration units for temperature-controlled transport. Two generators are used to provide double the power and reliability. Intelligent energy management ensures that the cooling system always has access to sufficient battery reserves – even on long journeys or in traffic jams. ePower is the basis for the latest generation of refrigeration units from Thermo King. The overall system created by the two partners means that forthcoming vehicle bans and delivery restrictions can be avoided, resources can be conserved and sustainability can be improved in the transport chain.

What are the benefits of ePower?

- ✓ Reliable, independent power supply for fully electric or hybrid refrigeration units
- ✓ Saves fuel and CO₂
- ✓ Intelligent energy management and efficient operation
- ✓ Air-cooled
- ✓ Pays for itself in just a few years



Carbon-neutral
cooling for
any trailer

Thermo King and BPW

The perfect alliance for climate-neutral refrigerated transport

Whether for carrying food or medicine, refrigerated transport is vitally important – but there are growing requirements regarding the sustainability of this type of transport. BPW and Thermo King – two leading companies at the forefront of technology in the transport industry – have joined forces to help achieve a breakthrough in environmentally efficient refrigerated transport. With ePower at its heart, Thermo King's latest generation of refrigeration units therefore offers a fully electric solution that is already being thoroughly tested in the first vehicles. It is based on a modular component concept that is designed to be quiet and environmentally friendly in a wide range of scenarios in refrigerated transport – from city-centre deliveries to distribution further afield. All of the components can be seamlessly integrated into the Thermo King product range and BPW running gear systems, are independent of the truck and can be fitted in existing trailer architectures.

What are the benefits of the Thermo King solution powered by BPW?

- ✓ Reliable, independent power supply for fully electric or hybrid refrigeration units
- ✓ Enables delivery in noise-sensitive times and regions
- ✓ Two battery capacities
- ✓ Real-time monitoring with Thermo King or idem telematics
- ✓ Standard components enable seamless integration into existing architectures
- ✓ Europe-wide service and reliable maintenance thanks to dense network of workshops