

07 February 2025

Rheinmetall wins new order worth over €26 million for high-voltage coolant pumps for use in fuel cell vehicles and stationary power plants

The Rheinmetall technology group has secured an order worth €26 million from a new customer, a well-known Asian engine maker. The initial order is for a low six-figure quantity of the CWA2000 high-voltage coolant pump for use in an 800V fuel cell based architecture in small vans, trucks and stationary power plants.

After two years of cooperation and development work with the engine maker, Rheinmetall has now won the new order. The order is of strategic importance, as it will enable Rheinmetall to deepen its footprint in the important Asian market for components for power systems in future electric vehicles. In addition, the Group is further establishing itself in the green power generation sector. Two important steps in the transformation of technology for a greener future.

The performance and small size of the product were the deciding factors in the order. The CWA2000 is designed as a wet-running pump and is combined with bearings made of a material optimized for operation in cooling water applications. This makes it practically wear-free. Production will start in 2027 at the Hartha plant and will continue until 2031. The contract so far relates purely to the pumps and does not include any further services. Further collaboration is planned in the near future for the development of the next generation of high-voltage coolant pumps.

The 800V technology offers greater everyday usability and double the charging power of the 400V voltage level, as the electrical losses are reduced. The technology allows the use of thinner lines, thus saving space, weight and precious metals such as copper. In addition, the lower heat loss means that the cooling system itself can be smaller and yet more efficient.

The Power Systems division is a system provider of high-quality and innovative (mobility) solutions, control technologies and digital applications for the automotive and energy industries, among others.



► Key facts

- Rheinmetall secures order for CWA2000 worth €26 million from a new customer
- Used by a well-known Asian engine manufacturer in fuel cell vehicles and in the stationary sector
- CWA 2000 offers sustainable advantages and is practically wear-free

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