

ContainerPower Energy Solutions

German high-frequency inverter unit



Overview

What is a frequency inverter?

Frequency inverters are electronic devices that let you control the speed of an AC motor. Background: If electric motors or AC motors are operated directly from an AC voltage supply system, they can only avail of a fixed speed based on the number of poles and the supply frequency of the power supply system on location.

What is a current-controlled frequency inverter?

Current-controlled frequency inverters maintain the ratio of current to frequency (I/f) at a constant level at all times and are suitable for use in applications in the high megawatt range. In the lower megawatt or kilowatt range, in contrast, voltage-controlled frequency inverters represent the latest state-of-the-art technology.

What are the benefits of ABM greiffenberger frequency inverters?

Compatible with AC induction and S INOCHRON® motors and all gearboxes from ABM Greiffenberger, the new frequency inverters also have smart features and innovative sensorless control technology. Users are spared costs and benefit from a significantly higher system availability. measurable customer benefit.

Where are the frequency converters made?

Our frequency converters, which we produce with 40 years of experience, are produced entirely in Germany, are highly efficient thanks to the latest control technology. Whether with AC (asynchronous) motor or BLDC (synchronous) motor, speeds above 100,000 rpm at up to 3.6 kVA are no problem.

Why should you choose a frequency inverter?

In addition, every frequency inverter can be perfectly adapted to the customer's software and hardware requirements. This frequency converter

offers an extended range of safety functions and thus complies with the requirements of EN 60204-1 and IEC 61800-5-2.

How fast can a frequency inverter run?

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