

Industrial frequency inverter produces 12v





Overview

What is a frequency inverter?

The frequency inverter helps to improve the working environment by generally reducing the noise level (compared to other technical systems) of fans or pumps. In addition, frequency inverters 400v or frequency inverters 230v help to extend the service life of machines by reducing the mechanical load (e.g. through the smooth run-up of the motor).

Why do you need a frequency inverter?

This is due to the fact that a frequency inverter is particularly advantageous in this area, as the speeds required for fans and pumps can be set very precisely with this device. Pumps and fans are often integrated into highly complex and industrial processes that require very precise control.

What is a power source inverter?

A power source inverter is a power converter that produces an AC voltage from a DC voltage. It is often simply referred to as an “inverter”. As soon as a load is connected to the generated alternating voltage, an alternating current is generated from the direct current of the input voltage.

Does a frequency inverter work with a motor?

It depends on the application. Most motors work with a frequency inverter without any problems. It is best to ask our experts which frequency inverter you need. How does a frequency inverter brake?

Frequency inverters brake with a so-called “brake chopper”, for example.



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[Industrial frequency inverter, Industrial frequency converter](#)

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