

Kongres Container

High frequency industrial frequency inverter



Overview

What is a high frequency inverter?

A high frequency inverter is a type of UPS (Uninterruptible Power Supply) that uses a microprocessor as its process control center. It employs software programming to control its operation, unlike traditional analog circuits.

What are frequency converters & inverters?

Frequency converters are used in hybrid technologies to combine conventional energy sources and stored energy for higher-level energy management. Inverters are also known by many other names: Variable speed drives, three-phase drives, variable speed drives, inverters, power converters and power converters.

What is a high frequency inverter block?

The high frequency inverter block alone consists of a high frequency oscillator, a MOSFET driving stage to provide necessary current to drive the ferrite core transformer. The transformer outputs 220VAC at several KHz which is not suitable for home appliances, so the high frequency must be converted to 50 Hz before feeding to a load.

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