



**SolarTech Power Solutions**

# **CNC high-frequency inverter**



## Overview

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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 types of AC frequency inverters are available?

HNC Electric designs complete products range of AC frequency inverters with high stability and high performance. Various Special types for different applications are also available as well as standard inverters, e.g. winder, CNC machine tools, crane, injection molding machine, etc.

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 the frequency output range of inverter?

external terminals control start and stop, three-stage speed control: low speed 400Hz, medium speed 600Hz, high speed 700Hz. The frequency converter adopts 7.5KW. Frequency output range of general-purpose inverter: 0~500Hz; frequency output range of high-frequency inverter: 0~3200Hz; .

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What is the speed of CNC engraving machine?

The motor of the CNC engraving machine is usually a high-speed motor (electric spindle), and the speed is basically more than 20000 rpm. Most of the equipment uses multi-speed control speed, and some use analog quantities. external terminals control start and stop, three-stage speed control: low speed 400Hz, medium speed 600Hz, high speed 700Hz.

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