

# **Increase power by using industrial frequency inverter**





## Overview

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How do frequency inverters save energy?

**Energy Saving and Consumption Reduction:** Frequency inverters achieve effective control of power consumption by adjusting the motor speed. In the case of lighter loads, lowering the motor speed can reduce energy consumption and improve energy utilization efficiency, thus achieving the purpose of energy saving.

How does a frequency inverter change the speed of a motor?

**Speed Regulation Function:** Frequency inverters can change the speed of the motor by adjusting the frequency of the power supply. This is very important for applications that require flexible speed control, such as in industrial production, where different production processes may require different speeds.

What is a frequency inverter?

The frequency inverter is a power control equipment that applies frequency conversion technology and microelectronics technology to control AC motors by changing the frequency of the motor power supply.

How do frequency inverters affect motor performance?

A frequency inverter's primary function is to manage motor performance by adjusting the electrical supply, but the way it does this can vary depending on the method of control used and the motor's specific demands. Here's a breakdown of how frequency inverters influence motor performance:



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### Frequency Inverter

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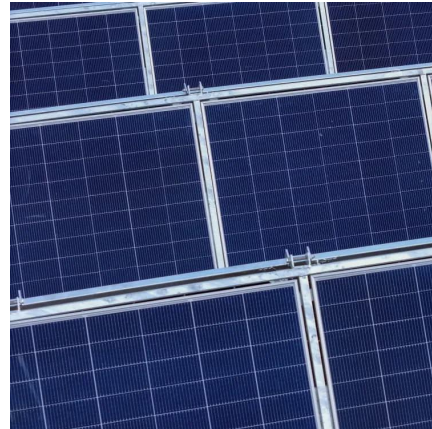


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